# SAFETY DATA SHEET

1. Identification		
Product identifier	DEVCON® Wear Guard™ High Load	
Other means of identification		
SKU#	0143	
Recommended use	Not available.	
Recommended restrictions	None known.	
Manufacturer/Importer/Supplier/Distributor information		
Company name	ITW Performance Polymers	
Address	35 Brownridge Rd	
	Unit 1	
	Halton Hills, ON L7G 0C6	
Contact person	Customer Service	
Telephone number	978-777-1100	
Fax		
E-mail		
Emergency telephone number	800-424-9300	
Supplier	Not available.	
2. Hazard identification		
Physical hazards	Not classified.	
Health hazards	Skin corrosion/irritation	Category 2
	Serious eye damage/eye irritation	Category 2
	Sensitization, skin	Category 1
Environmental hazards	Not classified.	
Label elements		
Signal word	Warning	
Hazard statement	Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation.	
Precautionary statement		
Prevention	Avoid breathing mist/vapours. Wash thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Wear eye protection/face protection. Wear protective gloves.	
Response	IF ON SKIN: Wash with plenty of water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If skin irritation or rash occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.	
Storage	Store away from incompatible materials.	
Disposal	Dispose of contents/container in accordance	with local/regional/national/international regulations.
Other hazards	None known.	
Supplemental information	None.	

## 3. Composition/information on ingredients

#### **Mixtures**

Chemical name	Common name and synonyms	CAS number	%
Bauxite		92797-42-7	40 - 70
Propane, 2,2-bis[p-(2,3-epoxypropoxy)phenyl -, polymers	]	25085-99-8	15 - 40
Aluminium oxide		1344-28-1	10 - 30
Epoxy Resin:reaction Product Of Bisphenol A And Epichlorohydrin (refer To Epichlorohydrin)	Epoxy resin	25068-38-6	0.1 - 1
FORMALDEHYDE POLYMER WITH (CHLOROMETHYL) OXIRANE AND 4,4'-(1-METHYLETHYLIDENE) BIS[PHENOL]		28906-96-9	0.1 - 1
Other components below reportable	elevels		3 - 7

All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

4. First-aid measures	
Inhalation	Move to fresh air. Call a physician if symptoms develop or persist.
Skin contact	Remove contaminated clothing immediately and wash skin with soap and water. In case of eczema or other skin disorders: Seek medical attention and take along these instructions. Wash contaminated clothing before reuse.
Eye contact	Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.
Ingestion	Rinse mouth. Get medical attention if symptoms occur.
Most important symptoms/effects, acute and delayed	Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. May cause redness and pain. May cause an allergic skin reaction. Dermatitis. Rash.
Indication of immediate medical attention and special treatment needed	Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.
General information	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Wash contaminated clothing before reuse.

## 5. Fire-fighting measures

Suitable extinguishing media	Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2).
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.
Specific hazards arising from the chemical	During fire, gases hazardous to health may be formed.
Special protective equipment and precautions for firefighters	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
Fire fighting equipment/instructions	Move containers from fire area if you can do so without risk.
Specific methods	Use standard firefighting procedures and consider the hazards of other involved materials.
General fire hazards	No unusual fire or explosion hazards noted.

# 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures	Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Avoid breathing mist/vapours. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.
Methods and materials for containment and cleaning up	Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.
	Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.
	Nover return apille to original containers for request. For words dispaced, and contain 12 of the SDS

Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS.

Environmental precautions	Avoid discharge into drains, water course	es or onto the ground.	
7. Handling and storage			
Precautions for safe handling	Avoid breathing mist/vapours. Avoid contact with eyes, skin, and clothing. Provide adequate ventilation. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.		
Conditions for safe storage, including any incompatibilities	Store in tightly closed container. Store away from incompatible materials (see Section 10 of the SDS).		
8. Exposure controls/per	sonal protection		
Occupational exposure limits			
US. ACGIH Threshold Limit Components	t Values Type	Value	Form
ALUMINUM OXIDE (CAS 1344-28-1)	TWA	1 mg/m3	Respirable fraction.
Canada. Alberta OELs (Occ Components	upational Health & Safety Code, Schedu Type	le 1, Table 2) Value	
ALUMINUM OXIDE (CAS 1344-28-1)	TWA	10 mg/m3	
•	eg. 217/2006, The Workplace Safety And	,	_
Components	Туре	Value	Form
ALUMINUM OXIDE (CAS 1344-28-1)	TWA	1 mg/m3	Respirable fraction.
Canada. Quebec OELs. (Mi Components	nistry of Labor - Regulation respecting o Type	ccupational health and s Value	afety) Form
ALUMINUM OXIDE (CAS 1344-28-1)	TWA	10 mg/m3	Total dust.
Canada. Saskatchewan OE Components	Ls (Occupational Health and Safety Regu Type	ulations, 1996, Table 21) Value	
ALUMINUM OXIDE (CAS 1344-28-1)	15 minute	20 mg/m3	
	8 hour	10 mg/m3	
Biological limit values	No biological exposure limits noted for th	e ingredient(s).	
Appropriate engineering controls	Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Provide eyewash station and safety shower.		
Individual protection measures Eye/face protection	, such as personal protective equipment Wear safety glasses with side shields (or		ecommended.
Skin protection			
Hand protection	Wear appropriate chemical resistant glov	/es.	
Other	Wear appropriate chemical resistant clot	hing. Use of an impervious	apron is recommended.
Respiratory protection	In case of insufficient ventilation, wear su	uitable respiratory equipme	nt.
Thermal hazards	Wear appropriate thermal protective clothing, when necessary.		
General hygiene considerations	Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Contaminated work clothing should not be allowed out of the workplace.		
9. Physical and chemical	properties		
Appearance	Viscous. Liquid.		
Physical state	Liquid.		
Form	Viscous. Liquid.		
<b>.</b> .			

Not available.

Colour

Odour	Slight.
Odour threshold	Not available.
рН	Not available.
Melting point/freezing point	Not available.
Initial boiling point and boiling range	320 °C (608 °F) estimated
Flash point	129.4 °C (265.0 °F) estimated
Evaporation rate	Not available.
Flammability (solid, gas)	Not applicable.
Upper/lower flammability or exp	losive limits
Flammability limit - lower (%)	Not available.
Flammability limit - upper (%)	Not available.
Explosive limit - lower ( %)	Not available.
Explosive limit – upper (%)	Not available.
Vapour pressure	Not available.
Vapour density	Not available.
Relative density	Not available.
Solubility(ies)	
Solubility (water)	Not available.
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not available.
Other information	
Density	2.20 g/cm3 Mixed material
Explosive properties	Not explosive.
Flammability class	Combustible IIIB estimated
Oxidising properties	Not oxidising.
Specific gravity	2.2 Mixed material
VOC	100 % Solids

## 10. Stability and reactivity

The product is stable and non-reactive under normal conditions of use, storage and transport.
Material is stable under normal conditions.
No dangerous reaction known under conditions of normal use.
Avoid temperatures exceeding the decomposition temperature. Contact with incompatible materials.
Strong oxidising agents.
No hazardous decomposition products are known.

## 11. Toxicological information

#### Information on likely routes of exposure

Inhalation	No adverse effects due to inhalation are expected.	
Skin contact	Causes skin irritation. May cause an allergic skin reaction.	
Eye contact	Causes serious eye irritation.	
Ingestion	Expected to be a low ingestion hazard.	

Symptoms related to the physical, chemical and toxicological characteristics	Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. May cause redness and pain. May cause an allergic skin reaction. Dermatitis. Rash.	
Information on toxicological effects		
Acute toxicity	Not known.	
Skin corrosion/irritation	Causes skin irritation.	
Serious eye damage/eye irritation	Causes serious eye irritation.	
Respiratory or skin sensitisation	1	
<b>Respiratory sensitisation</b>	Not a respiratory sensitizer.	
Skin sensitisation	May cause an allergic skin reaction.	
Germ cell mutagenicity	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.	
Carcinogenicity		
ACGIH Carcinogens		
Aluminium oxide (CAS 13 Canada - Manitoba OELs: ca		
Aluminium oxide (CAS 13	Not classifiable as a human carcinogen.	
Reproductive toxicity	This product is not expected to cause reproductive or developmental effects.	
Specific target organ toxicity - single exposure	Not classified.	
Specific target organ toxicity - repeated exposure	Not classified.	
Aspiration hazard	Not an aspiration hazard.	
Aspiration hazard 12. Ecological information		
•		
12. Ecological information	The product is not classified as environmentally hazardous. However, this does not exclude the	
12. Ecological information Ecotoxicity	The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.	
12. Ecological information         Ecotoxicity         Persistence and degradability	The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment. No data is available on the degradability of any ingredients in the mixture.	
12. Ecological information         Ecotoxicity         Persistence and degradability         Bioaccumulative potential	The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment. No data is available on the degradability of any ingredients in the mixture. No data available.	
12. Ecological information Ecotoxicity Persistence and degradability Bioaccumulative potential Mobility in soil	The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment. No data is available on the degradability of any ingredients in the mixture. No data available. No data available. The product contains volatile organic compounds which have a photochemical ozone creation potential.	
12. Ecological information         Ecotoxicity         Persistence and degradability         Bioaccumulative potential         Mobility in soil         Other adverse effects	The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment. No data is available on the degradability of any ingredients in the mixture. No data available. No data available. The product contains volatile organic compounds which have a photochemical ozone creation potential. <b>ns</b> Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of	
12. Ecological information         Ecotoxicity         Persistence and degradability         Bioaccumulative potential         Mobility in soil         Other adverse effects         13. Disposal consideration	The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment. No data is available on the degradability of any ingredients in the mixture. No data available. No data available. No data available. The product contains volatile organic compounds which have a photochemical ozone creation potential.	
12. Ecological informationEcotoxicityPersistence and degradabilityBioaccumulative potentialMobility in soilOther adverse effects13. Disposal consideratioDisposal instructions	The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment. No data is available on the degradability of any ingredients in the mixture. No data available. No data available. The product contains volatile organic compounds which have a photochemical ozone creation potential. <b>ns</b> Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international regulations.	
12. Ecological informationEcotoxicityPersistence and degradabilityBioaccumulative potentialMobility in soilOther adverse effects13. Disposal considerationDisposal instructionsLocal disposal regulations	The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment. No data is available on the degradability of any ingredients in the mixture. No data available. No data available. The product contains volatile organic compounds which have a photochemical ozone creation potential. <b>ns</b> Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international regulations. Dispose in accordance with all applicable regulations. The waste code should be assigned in discussion between the user, the producer and the waste	
12. Ecological information         Ecotoxicity         Persistence and degradability         Bioaccumulative potential         Mobility in soil         Other adverse effects         13. Disposal consideration         Disposal instructions         Local disposal regulations         Hazardous waste code         Waste from residues / unused	The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment. No data is available on the degradability of any ingredients in the mixture. No data available. No data available. No data available. The product contains volatile organic compounds which have a photochemical ozone creation potential. <b>ns</b> Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international regulations. Dispose in accordance with all applicable regulations. The waste code should be assigned in discussion between the user, the producer and the waste disposal company. Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see:	
12. Ecological information         Ecotoxicity         Persistence and degradability         Bioaccumulative potential         Mobility in soil         Other adverse effects         13. Disposal consideration         Disposal instructions         Local disposal regulations         Hazardous waste code         Waste from residues / unused products	The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment. No data is available on the degradability of any ingredients in the mixture. No data available. No data available. The product contains volatile organic compounds which have a photochemical ozone creation potential. <b>ns</b> Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international regulations. Dispose in accordance with all applicable regulations. The waste code should be assigned in discussion between the user, the producer and the waste disposal company. Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions). Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.	

#### TDG

Not regulated as dangerous goods.

#### ΙΑΤΑ

Not regulated as dangerous goods.

#### IMDG

Not regulated as dangerous goods.

Transport in bulk according toNot established.Annex II of MARPOL 73/78 andthe IBC Code

## 15. Regulatory information

anadian regulations	This product has been classified in accordance with the hazard crite contains all the information required by the HPR.	ria of the HPR and the SDS
Controlled Drugs and Subst	ances Act	
Not regulated.		
Export Control List (CEPA 1	999, Schedule 3)	
Not listed.		
Greenhouse Gases		
Not listed.		
Precursor Control Regulation	ons	
Not regulated.		
nternational regulations		
Stockholm Convention		
Not applicable. Rotterdam Convention		
Not applicable. Kyoto Protocol		
Not applicable.		
Not applicable.		
Basel Convention		
Not applicable.		
nternational Inventories		
Country(s) or region	Inventory name	On inventory (yes/no)
Australia	Australian Inventory of Chemical Substances (AICS)	No
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	No
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	No
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	N
Korea	Existing Chemicals List (ECL)	Ye
New Zealand	New Zealand Inventory	N
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	No
Taiwan	Taiwan Chemical Substance Inventory (TCSI)	No

country(s).

## 16. Other information

Issue date	29-May-2019
Revision date	24-June-2021
Version No.	05
Disclaimer	ITW Performance Polymers cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release.
Revision information	This document has undergone significant changes and should be reviewed in its entirety.

# SAFETY DATA SHEET

1.	dentification

Product identifier	DEVCON® Wear Guard™ (High Load)	Hardener
Other means of identification		
SKU#	5370	
Recommended use	Not available.	
Recommended restrictions	None known.	
Manufacturer/Importer/Supplier	r/Distributor information	
Company name	ITW Performance Polymers	
Address	35 Brownridge Rd	
	Unit 1	
	Halton Hills, ON L7G 0C6	
Comboot never	Customer Service	
Contact person	978-777-1100	
Telephone number Fax	570-777-1100	
Fax E-mail		
Emergency telephone	800-424-9300	
number		
Supplier	Not available.	
2. Hazard identification		
Physical hazards	Not classified.	
Health hazards	Acute toxicity, inhalation	Category 4
	Skin corrosion/irritation	Category 1
	Serious eye damage/eye irritation	Category 1
	Sensitization, skin	Category 1A
	Reproductive toxicity	Category 2
Environmental hazards	Not classified.	
Label elements		
Signal word	Danger	
Hazard statement	Causes severe skin burns and eye damage. May cause an allergic skin reaction. Causes serious eye damage. Harmful if inhaled. Suspected of damaging fertility or the unborn child.	
Precautionary statement		
Prevention	Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid breathing vapours. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves/protective clothing/eye protection/face protection.	
Response	IF SWALLOWED: rinse mouth. Do NOT induce vomiting. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. IF INHALED: Remove person to fresh air and keep comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTRE/doctor. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.	
Storage	Store locked up.	
Disposal	Dispose of contents/container in accorda	ance with local/regional/national/international regulations.

#### 3. Composition/information on ingredients

Mixtures			
Chemical name	Common name and synonyms	CAS number	%
Bauxite		92797-42-7	60 - 100
Paratertiarybutylphenol		98-54-4	7 - 13
M-XYLENE-ALPHA,ALPHA'-DIAMI NE		1477-55-0	3 - 7
TRIMETHYLHEXAMETHYLENE DIAMINE		25620-58-0	3 - 7
Titanium dioxide	Titanium dioxide	13463-67-7	0.5 - 1.5
Other components below reportable levels			10 - 30

All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

4. First-aid measures	
Inhalation	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Oxygen or artificial respiration if needed. Call a poison centre or doctor/physician if you feel unwell.
Skin contact	Remove contaminated clothing immediately and wash skin with soap and water. Call a physician or poison control centre immediately. Chemical burns must be treated by a physician. Wash contaminated clothing before reuse.
Eye contact	Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician or poison control centre immediately.
Ingestion	Call a physician or poison control centre immediately. Rinse mouth. Do not induce vomiting. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs.
Most important symptoms/effects, acute and delayed	Burning pain and severe corrosive skin damage. Causes serious eye damage. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result.
Indication of immediate medical attention and special treatment needed	Provide general supportive measures and treat symptomatically. Chemical burns: Flush with water immediately. While flushing, remove clothes which do not adhere to affected area. Call an ambulance. Continue flushing during transport to hospital. Keep victim warm. Keep victim under observation. Symptoms may be delayed.
General information	IF exposed or concerned: Get medical advice/attention. If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. Wash contaminated clothing before reuse.
5. Fire-fighting measures	

#### Suitable extinguishing media Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2). Unsuitable extinguishing Do not use water jet as an extinguisher, as this will spread the fire. media During fire, gases hazardous to health may be formed. Specific hazards arising from the chemical Self-contained breathing apparatus and full protective clothing must be worn in case of fire. Special protective equipment and precautions for firefighters Fire fighting Use water spray to cool unopened containers. equipment/instructions Specific methods Use standard firefighting procedures and consider the hazards of other involved materials. No unusual fire or explosion hazards noted. General fire hazards

#### 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Avoid inhalation of vapours and spray mists. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

thods and materials for ntainment and cleaning up	Large Spills: Stop the flow of material, possible. Absorb in vermiculite, dry sa recovery, flush area with water.		
	Small Spills: Wipe up with absorbent n remove residual contamination.	naterial (e.g. cloth, fleece). C	lean surface thoroughly to
	Never return spills to original container	rs for re-use. For waste dispo	sal, see section 13 of the SD
vironmental precautions	Avoid discharge into drains, water cou	rses or onto the ground.	
Handling and storage			
ecautions for safe handling nditions for safe storage,	Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not get in eyes, on skin, or on clothing. Avoid inhalation of vapours and spra mists. Pregnant or breastfeeding women must not handle this product. Should be handled in closed systems, if possible. Use only outdoors or in a well-ventilated area. Wear appropriate personal protective equipment. Observe good industrial hygiene practices. Store locked up. Store in tightly closed container. Store in a well-ventilated place. Store away fro		
cluding any incompatibilities	incompatible materials (see Section 10		
Exposure controls/pers	onal protection		
cupational exposure limits			
US. ACGIH Threshold Limit Components	Values Type	Value	
M-XYLENE-ALPHA,ALPHA'	Ceiling	0.1 mg/m3	
-DIAMINE (CAS 1477-55-0)	Ŭ	C C	
Titanium dioxide (CAS 13463-67-7)	TWA	10 mg/m3	
Canada. Alberta OELs (Occi Components	upational Health & Safety Code, Scheo Type	dule 1, Table 2) Value	
M-XYLENE-ALPHA,ALPHA' -DIAMINE (CAS 1477-55-0)	Ceiling	0.1 mg/m3	
Titanium dioxide (CAS 13463-67-7)	TWA	10 mg/m3	
,	ELs. (Occupational Exposure Limits f	or Chemical Substances, C	Occupational Health and
Safety Regulation 296/97, as Components		Value	Form
M-XYLENE-ALPHA,ALPHA'	Ceiling	0.1 mg/m3	
-DIAMINE (CAS 1477-55-0) Titanium dioxide (CAS	TWA	3 mg/m3	Respirable fraction.
13463-67-7)		10 mg/m3	Total dust.
Canada Manitoha OELa (Da	a 217/2006 The Werkplace Cofess Ar	C C	
Components	g. 217/2006, The Workplace Safety Ar Type	Value	
M-XYLENE-ALPHA,ALPHA' -DIAMINE (CAS 1477-55-0)	Ceiling	0.1 mg/m3	
Titanium dioxide (CAS 13463-67-7)	TWA	10 mg/m3	
Canada. Ontario OELs. (Cor Components	ntrol of Exposure to Biological or Che Type	mical Agents) Value	
M-XYLENE-ALPHA,ALPHA' -DIAMINE (CAS 1477-55-0)	Ceiling	0.1 mg/m3	
Titanium dioxide (CAS 13463-67-7)	TWA	10 mg/m3	
Canada. Quebec OELs. (Mir Components	istry of Labor - Regulation respecting Type	occupational health and s Value	afety) Form

Components	Туре	Value	Form
Titanium dioxide (CAS 13463-67-7)	TWA	10 mg/m3	Total dust.
Canada. Saskatchewan O Components	ELs (Occupational Health and S Type	Safety Regulations, 1996, Table 21) Value	
M-XYLENE-ALPHA,ALPHA -DIAMINE (CAS 1477-55-0)	5	0.1 mg/m3	
Titanium dioxide (CAS 13463-67-7)	15 minute	20 mg/m3	
	8 hour	10 mg/m3	
ological limit values	No biological exposure limits	noted for the ingredient(s).	
posure guidelines	Occupational Exposure Limits	s are not relevant to the current physic	cal form of the product.
Canada - Alberta OELs: S	kin designation		
M-XYLENE-ALPHA,AL	PHA'-DIAMINE (CAS 1477-55-0)	Can be absorbed through the skin.	
Canada - British Columbia	•		
,	PHA'-DIAMINE (CAS 1477-55-0)	Can be absorbed through the skin.	
Canada - Manitoba OELs:	-		
	PHA'-DIAMINE (CAS 1477-55-0)	Can be absorbed through the skin.	
Canada - Ontario OELs: S	•	Can be absorbed through the align	
Canada - Quebec OELs: S	PHA'-DIAMINE (CAS 1477-55-0)	Can be absorbed through the skin.	
	PHA'-DIAMINE (CAS 1477-55-0)	Can be absorbed through the skin.	
Canada - Saskatchewan C	· · · · · · · · · · · · · · · · · · ·		
	PHA'-DIAMINE (CAS 1477-55-0)	Can be absorbed through the skin.	
	it Values: Skin designation	C C	
M-XYLENE-ALPHA,AL	PHA'-DIAMINE (CAS 1477-55-0)	Can be absorbed through the skin.	
opropriate engineering ntrols	applicable, use process enclo maintain airborne levels belo	uld be used. Ventilation rates should b osures, local exhaust ventilation, or oth w recommended exposure limits. If ex e levels to an acceptable level. Eye wa en handling this product.	her engineering controls to posure limits have not been
dividual protection measure	s, such as personal protective	equipment	
Eye/face protection	Wear safety glasses with side	e shields (or goggles) and a face shiel	d.
Skin protection			
Hand protection	Wear appropriate chemical re	esistant gloves.	
Other	Wear appropriate chemical re	esistant clothing. Use of an impervious	s apron is recommended.
Respiratory protection	In case of insufficient ventilat	ion, wear suitable respiratory equipme	ent.
Thermal hazards	Wear appropriate thermal pro	ptective clothing, when necessary.	
eneral hygiene nsiderations	measures, such as washing a smoking. Routinely wash wo	ance requirements. Always observe gr after handling the material and before rk clothing and protective equipment to should not be allowed out of the workp	eating, drinking, and/or o remove contaminants.
. Physical and chemica	I properties		
opearance	Paste.		
Physical state	Solid.		
•			

Appearance	Paste.
Physical state	Solid.
Form	Solid. Paste.
Colour	White
Odour	Mild. Ammoniacal.
Odour threshold	Not available.
рН	Not available.
Melting point/freezing point	Not available.
•••••••	

Initial boiling point and boiling range	274 °C (525.2 °F) estimated
Flash point	96.0 °C (204.8 °F) estimated
Evaporation rate	Not available.
Flammability (solid, gas)	Not available.
Upper/lower flammability or exp	plosive limits
Flammability limit - lower (%)	Not available.
Flammability limit - upper (%)	Not available.
Explosive limit - lower ( %)	Not available.
Explosive limit – upper (%)	Not available.
Vapour pressure	0.05 hPa estimated
Vapour density	Not available.
Relative density	Not available.
Solubility(ies)	
Solubility (water)	Not available.
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not available.
Other information	
Density	1.11 g/cm3 estimated
Explosive properties	Not explosive.
Oxidising properties	Not oxidising.
Specific gravity	1.11 estimated
VOC	100 % Solids
10. Stability and reactivity	y
Reactivity	The product is stable and non-reactive under normal conditions of use, storage and transport.
Chemical stability	Material is stable under normal conditions.
Possibility of hazardous reactions	Hazardous polymerisation does not occur.

Conditions to avoid	Avoid temperatures exceeding the flash point. Contact with incompatible materials.
Incompatible materials	Alkali metals.
Hazardous decomposition	No hazardous decomposition products are known.

## 11. Toxicological information

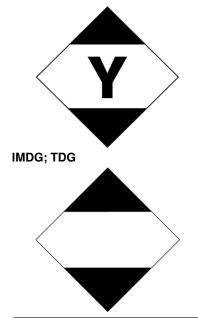
products

### Information on likely routes of exposure Inhalation Harmful if inhaled.

Innalation	
Skin contact	Causes severe skin burns. May cause an allergic skin reaction.
Eye contact	Causes serious eye damage.
Ingestion	Causes digestive tract burns.
Symptoms related to the physical, chemical and toxicological characteristics	Burning pain and severe corrosive skin damage. Causes serious eye damage. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result.
Information on toxicological effects	
Acute toxicity	Harmful if inhaled.
Skin corrosion/irritation	Causes severe skin burns and eye damage.

Irritation Respiratory or skin sensitisation Respiratory or skin sensitisation Canada - Alberta OELs: Irritant M-XYLENE-ALPHA_ALPHA'DIMINE (CAS 1477-55-0) Irritant Titanium dioxide (CAS 13463-67-7) Irritant Respiratory sensitisation Due to partial or complete lack of data the classification is not possible. Skin sensitisation May cause an allergic skin reaction. Germ cell mutagenicity Due to partial or complete lack of data the classification is not possible. Carcinogenicity Due to partial or complete lack of data the classification is not possible. Carcinogenicity Due to partial or complete lack of data the classification is not possible. ACGII Carcinogen Titanium dioxide (CAS 13463-67-7) A4 Not classifiable as a human carcinogen. Canada - Manitoba OELs: carcinogenicity Titanium dioxide (CAS 13463-67-7) Not classifiable as a human carcinogen. IARC Monographs. Overall Evaluation of Carcinogenicity Titanium dioxide (CAS 13463-67-7) Due to partial or complete lack of data the classification is not possible. Specific target organ toxicity- Supected of damaging fertility or the unborn child. Specific target organ toxicity- Supected of damaging fertility or the unborn child. Let to partial or complete lack of data the classification is not possible. Tepeated exposure Aspiration hazard Due to partial or complete lack of data the classification is not possible. Tepeated exposure Aspiration hazard Due to partial or complete lack of data the classification is not possible. Tepeated exposure No data available. No data available on the degradability of any ingredients in the mixture. Bioaccumulative potential No data available. No data available. Contentions Canada - Gand ard Relation or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international // regulations. Lecal disposal regulations Hazardous waste code The waste code should be assigned in discussion between the user, the producer and the waste disposed of in a safe manner (seee				
Canada - Alberta OELs: Intriant         MAYNEENE ALPHAALPHA DIMINE (CAS 1477.55.0)         Intriant         Titalium dioxide (CAS 13463-67.7)         Skin sensitisation         Due to partial or complete lack of data the classification is not possible.         Skin sensitisation         Gern cell mutagenicity       Due to partial or complete lack of data the classification is not possible.         Carcinogenicity       Due to partial or complete lack of data the classification is not possible.         ACGHI Carcinogens       Tataium dioxide (CAS 13463-67.7)         Tataium dioxide (CAS 13463-67.7)       A Vot classifiable as a human carcinogen.         IARC Monographs. Overall Evaluation of Carcinogenicity       Tataium dioxide (CAS 13463-67.7)         Tataium dioxide (CAS 13463-67.7)       28 Possibly carcinogenic to humans.         Reproductive toxicity       Suspected of damaging fortility or the unborn child.         Specific target organ toxicity.       Due to partial or complete lack of data the classification is not possible.         Specific target organ toxicity.       Due to partial or complete lack of data the classification is not possible.         Specific target organ toxicity.       Due to partial or complete lack of data the classification is not possible.         Specific target organ toxicity.       No data large or fiquuet splits can have a hummu or damaging offect on the environment.         Possibitiny t	Serious eye damage/eye irritation	Causes serious eye damage.		
MXVE.NEN.P.HA.UPHA.UPHA.UPHA.UPHA.UPHA.UPHA.UPHA				
Trainium dioxide (CAS 13463-67.7)       Irritant         Respiratory sensitisation       Due to partial or complete lack of data the classification is not possible.         Germ cell mutagenicity       Due to partial or complete lack of data the classification is not possible.         ACGIH Carcinogenicity       Due to partial or complete lack of data the classification is not possible.         ACGIH Carcinogenicity       Due to partial or complete lack of data the classification is not possible.         ACGIH Carcinogenicity       Due to partial or complete lack of data the classification is not possible.         Canada - Manitobo CLS: carcinogenicity       Trainium dioxide (CAS 13463-67.7)       Not classifiable as a human carcinogen.         IARC Monographs. Overall Evaluation of Carcinogenicity       Trainium dioxide (CAS 13463-67.7)       2B Possibly carcinogenic to humans.         Reproductive to exoitity       Suspected of damaging forlity or the unborn holid.       Specific target organ toxicity -         Due to partial or complete lack of data the classification is not possible.       Teppoduct is not classified as environmentally hazardous. However, this does not exclude the possible/ target or frague targe or frague target or fraguet splic can have a harmful or damaging effec	Canada - Alberta OELs: Irrita	int		
Skin sensitisation         May cause an allergic skin reaction.           Gerrin cell mutagenicity         Due to partial or complete lack of data the classification is not possible.           Carcinogenicity         Due to partial or complete lack of data the classification is not possible.           ACGIH Carcinogens         Tanium dioxido (CAS 13463-67.7)         A4 Not classifiable as a human carcinogen.           Candes - Haintobo OEL: carcinogenicity         Tanium dioxido (CAS 13463-67.7)         Not classifiable as a human carcinogen.           IARC Monographs. Overall Evaluation of Carcinogenicity         Tanium dioxido (CAS 13463-67.7)         Not classifiable as a human carcinogen.           IARC Monographs. Overall Evaluation of Carcinogenicity         Suspected of damaging fertility or the unborn child.           Specific target organ toxicity - specific arget organ toxicity - Due to partial or complete lack of data the classification is not possible.           12. Ecological information         Ecotoxicity         The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent splits can have a harmful or damaging effect on the environment.           No data available.         No data available.         The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent splits can have a harmful or damaging effect on the environment.           No data available.         <				
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Carcinogenicity       Due to partial or complete lack of data the classification is not possible.         Tituation dioxide (CAS 1343-867.7)       A4 Not classifiable as a human carcinogen.         Canada - Manitoba OELLS: car-low       Totanium dioxide (CAS 134363-87.7)       Not classifiable as a human carcinogen.         IARC Monographs. Overall Evaluation of Carcinogenicity       Tainium dioxide (CAS 13463-87.7)       2B Possibly carcinogenic to humans.         Reproductive toxibity       Suspected of damaging fettility or the unbon child.       Specific target organ toxicity-single exposure         Specific target organ toxicity-repeated exposure       Due to partial or complete lack of data the classification is not possible.         Specific target organ toxicity-repeated exposure       Due to partial or complete lack of data the classification is not possible.         Specific target organ toxicity-repeated exposure       Due to partial or complete lack of data the classification is not possible.         Specific target organ toxicity-repeated exposure       No data savailable on the equidability of any ingredients in the mixture.         Repressione and degradability No to data available.       No data available.         Other adverse effects       Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose in accordance with local regionality.         Resardous waste code       Dispose in accordance with local regionality.       Specific target organ toxicity.         Specific target packag	Skin sensitisation	May cause an allergic skin rea	ction.	
ACGIH Carcinogens       Titanium dioxide (CAS 13463-67.7)       A4 Not classifiable as a human carcinogen.         Canada - Manitobo OELs: carcinogenicity       Titanium dioxide (CAS 13463-67.7)       Not classifiable as a human carcinogen.         IARC Monographs. Overall Evaluation of Carcinogenicity       Titanium dioxide (CAS 13463-67.7)       2B Possibly carcinogenic to humans.         Reproductive toxicity       Suspected of damaging ferility or the unborn child.       Specific target organ toxicity-         Specific target organ toxicity-       Due to partial or complete lack of data the classification is not possible.         Tepesated exposure       Aspiration hazard       Due to partial or complete lack of data the classification is not possible.         Ecotoxicity       The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.         Reproductive potential       No data available.       The product contains volatile organic compounds which have a photochemical ozone creation potential.         Nobility in soil       No data available.       The product contains volatile organic compounds which have a photochemical ozone creation potential.         Disposal instructions       Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/inational/international/international.         Mate torom residues / unuse product residue. This maraterial a	Germ cell mutagenicity	Due to partial or complete lack	of data the classification is not possible.	
Titanium dioxide (CAS 13463-67.)       A4 Not classifiable as a human carcinogen.         Canada - Manikola OELs: carcinogenicity       Not classifiable as a human carcinogen.         ITtanium dioxide (CAS 13463-67.)       Not classifiable as a human carcinogen.         IARC Monographs. Overall Evaluation of Carcinogenicity       ZB possibly carcinogenic to humans.         Specific target organ toxicity-       Suspacted of damaging fertility or the unborn child.         Specific target organ toxicity-       Due to partial or complete lack of data the classification is not possible.         Specific target organ toxicity-       Due to partial or complete lack of data the classification is not possible.         Specific target organ toxicity       Due to partial or complete lack of data the classification is not possible.         Specific target organ toxicity       Due to partial or complete lack of data the classification is not possible.         Specific target organ toxicity       Due to partial or complete lack of data the classification is not possible.         Specific target organ toxicity       The product is not classified as environmentally hazardous. However, this does not exclude the possibility in a large or irequent spills can have a harmful or damaging effect on the environment.         Possibility in soll       No data available.         Other adverse effects       The product contains volatile organic compounds which have a photochemical ozone creation potential.         Sposal instructions       Collect and r	Carcinogenicity	Due to partial or complete lack	of data the classification is not possible.	
Titanium dioxide (CAS 13463-67.)       A4 Not classifiable as a human carcinogen.         Canada - Manikola OELs: carcinogenicity       Not classifiable as a human carcinogen.         ITtanium dioxide (CAS 13463-67.)       Not classifiable as a human carcinogen.         IARC Monographs. Overall Evaluation of Carcinogenicity       ZB possibly carcinogenic to humans.         Specific target organ toxicity-       Suspected of damaging fertility or the unbom child.         Specific target organ toxicity-       Due to partial or complete lack of data the classification is not possible.         Specific target organ toxicity-       Due to partial or complete lack of data the classification is not possible.         Specific target organ toxicity       Due to partial or complete lack of data the classification is not possible.         Specific target organ toxicity-       Due to partial or complete lack of data the classification is not possible.         Specific target organ toxicity-       Due to partial or complete lack of data the classification is not possible.         Specific target organ toxicity-       No data available.       No data available.         Other adverse effects       The product contains volatile organic compounds which have a photochemical ozone creation potential.         Special instructions       Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of acordance with local/regional/national/infernational/infernational/infernational/infernational/infernational/infernational/infernational/inferna	ACGIH Carcinogens			
Titanium dioxide (CAS 13463-67.7)       Not classifiable as a human carcinogen.         IARC Monographs. Overall Evaluation of Carcinogenicity       Suspected of damaging fertility or the unborn child.         Specific target organ toxicity- single exposure       Suspected of damaging fertility or the unborn child.         Specific target organ toxicity- repeated exposure       Due to partial or complete lack of data the classification is not possible.         Aspiration hazard       Due to partial or complete lack of data the classification is not possible.         12. Ecological information       The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment. No data available.         Persistence and degradability       No data available.         Other adverse effects       The product contains volatile organic compounds which have a photochemical ozone creation potential.         Disposal considerations       Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international.         Local disposal regulations       The waste code should be assigned in discussion between the user, the producer and the waste disposal company.         Waste from residues / unusde product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).       Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty	Titanium dioxide (CAS 134		A4 Not classifiable as a human carcinogen.	
IAC Monographs. Overall Evaluation of Carcinogenicity       Titanium dioxide (CAS 13463 67-7)       2B Possibly carcinogenic to humans.         Reproductive toxicity       Suspected of damaging fertility or the unborn child.         Specific target organ toxicity- single exposure       Due to partial or complete lack of data the classification is not possible.         Specific target organ toxicity- repeated exposure       Due to partial or complete lack of data the classification is not possible.         Aspiration hazard       Due to partial or complete lack of data the classification is not possible.         12. Ecological information       The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment. No data is available on the degradability of any ingredients in the mixture.         Bioaccumulative potential       No data available.         Other adverse effects       The product contains volatile organic compounds which have a photochemical ozone creation potential.         Disposal instructions       Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regulations.         Hazardous waste code       The waste code should be assigned in discussion between the user, the producer and the waste disposal instructions.         Context from residues / unsup roduct seldues.       Dispose of in a coordance with local regulations. Empty containers may retain some products         U			Not classifiable as a human carcinogen.	
Reproductive toxicity       Suspected of damaging fertility or the unborn child.         Specific target organ toxicity- single exposure       Due to partial or complete lack of data the classification is not possible.         Specific target organ toxicity- repeated exposure       Due to partial or complete lack of data the classification is not possible.         Aspiration hazard       Due to partial or complete lack of data the classification is not possible.         12. Ecological information       Ecotoxicity         Reprise and degradability       No data is available on the degradability of any ingredients in the mixture.         Bioaccumulative potential       No data available.         Other adverse effects       The product contains volatile organic compounds which have a photochemical ozone creation potential.         13. Disposal considerations       Dispose in accordance with all applicable regulations.         Hazardous waste code       Dispose of in accordance with all applicable regulations.         Hazardous waste code       Dispose of in accordance with local/regional/national/international regulations.         Contaminated packaging       Since emptied containers may retain product residue, follow label warnings even after container is product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).         Contaminated packaging       UN1759         Coltest nof reclainser may retain product residue, follow label warnings even after container is sould be taken to a			C C	
Specific target organ toxicity- single exposure       Due to partial or complete lack of data the classification is not possible.         Specific target organ toxicity- specific target organ target organ target organ target organ target organ t	Titanium dioxide (CAS 134	463-67-7)	2B Possibly carcinogenic to humans.	
single exposure       Due to partial or complete lack of data the classification is not possible.         Specific target organ toxicity- repeated exposure       Due to partial or complete lack of data the classification is not possible.         12. Ecological information       The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.         Persistence and degradability       No data is available on the degradability of any ingredients in the mixture.         Bioaccumulative potential       No data available.         Other adverse effects       The product contains volatile organic compounds which have a photochemical ozone creation potential.         13. Disposal considerations       Dispose in accordance with local/regional/national/international regulations.         Local disposal regulations       Dispose on accordance with local regulations.         Hazardous waste code       Dispose of in accordance with local regulations.         Moste from residues / unused product credues of microsols).       Since emplied containers may retain grout residue, follow label warnings even after container is empticed. Empty containers should be taken to an approved waste handling site for recycling or disposal.         14. Transport information       CORROSIVE SOLID, N.O.S. (M-XYLENE-ALPHA, ALPHA'-DIAMINE), Limited Quantity Canso as Subsidiary risk - Subsidiary risk         Tog       UN number	Reproductive toxicity	Suspected of damaging fertility	/ or the unborn child.	
repeated exposure       Aspiration hazard       Due to partial or complete lack of data the classification is not possible.         12. Ecological information       The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.         Persistence and degradability       No data is available on the degradability of any ingredients in the mixture.         Bioaccumulative potential       No data available.         Other adverse effects       The product contains volatile organic compounds which have a photochemical ozone creation potential.         13. Disposal considerations       Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international regulations.         Local disposal regulations       Dispose in accordance with all applicable regulations.         Hazardous waste code       The waste code should be assigned in discussion between the user, the producer and the waste disposal instructions, containers may retain product regulations. Empty containers or liners may retain some products         Vaste from residues / unused       Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.         14. Transport information       CORROSIVE SOLID, N.O.S. (M-XYLENE-ALPHA, ALPHA'-DIAMINE), Limited Quantity         Transport hazard class(es) <td< th=""><th>Specific target organ toxicity - single exposure</th><th>Due to partial or complete lack</th><th>of data the classification is not possible.</th></td<>	Specific target organ toxicity - single exposure	Due to partial or complete lack	of data the classification is not possible.	
12. Ecological information         Ecotoxicity       The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.         Persistence and degradability       No data is available on the degradability of any ingredients in the mixture.         Bioaccumulative potential       Mobility in soil       No data available.         Other adverse effects       The product contains volatile organic compounds which have a photochemical ozone creation potential.         13. Disposal considerations       Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international regulations.         Local disposal regulations       Dispose in accordance with all applicable regulations.         Hazardous waste code       The waste code should be assigned in discussion between the user, the producer and the waste disposal instructions).         Contaminated packaging       Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.         UN number       UN1759         UN number       UN1759         Class       8         Subsidiary risk       -         Packing group       III         Environmental hazards       8	Specific target organ toxicity - repeated exposure	Due to partial or complete lack	of data the classification is not possible.	
Ecotoxicity       The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.         Persistence and degradability       No data is available on the degradability of any ingredients in the mixture.         Bioaccumulative potential       Mobility in soil       No data available.         Other adverse effects       The product contains volatile organic compounds which have a photochemical ozone creation potential. <b>13. Disposal considerations</b> Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international regulations.         Local disposal regulations       Dispose in accordance with local regulations.         Hazardous waste code       The waste code should be assigned in discussion between the user, the producer and the waste disposal ormpany.         Waste from residues / unused       Dispose of in accordance with local regulations. Empty containers or liners may retain some products         Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal. <b>104. UN number</b> UN1759 <b>UN number</b> UN1759 <b>UN number</b> UN1759 <b>UN number</b> VIN available.         Subsidiary risk       -	Aspiration hazard	Due to partial or complete lack	of data the classification is not possible.	
possibility that large or frequent spills can have a harmful or damaging effect on the environment.         Persistence and degradability       No data is available on the degradability of any ingredients in the mixture.         Bioaccumulative potential       No data available.         Other adverse effects       The product contains volatile organic compounds which have a photochemical ozone creation potential.         13. Disposal considerations       Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international regulations.         Local disposal regulations       Dispose in accordance with all applicable regulations.         Hazardous waste code       The waste code should be assigned in discussion between the user, the producer and the waste disposed of in a safe manner (see: Dispose in instructions).         Contaminated packaging       Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.         tdt       Transport information         Transport hazard class(es)       CORROSIVE SOLID, N.O.S. (M-XYLENE-ALPHA, ALPHA'-DIAMINE), Limited Quantity         Transport hazard class(es)       6         Class       8         Subidiary risk       -         Packing group       III         Environmental hazards       Not available. <t< th=""><th>12. Ecological information</th><th>l</th><th></th></t<>	12. Ecological information	l		
Bioaccumulative potential       No data available.         Other adverse effects       The product contains volatile organic compounds which have a photochemical ozone creation potential.         13. Disposal considerations       Sollect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international regulations.         Local disposal regulations       Dispose in accordance with all applicable regulations.         Hazardous waste code       The waste code should be assigned in discussion between the user, the producer and the waste disposal company.         Waste from residues / unused product residues. / unused product residues. / Inis material and its container must be disposed of in a safe manner (see: Disposal.         Contaminated packaging       Since emptied containers should be taken to an approved waste handling site for recycling or disposal.         14. Transport information       UN 1759         CORROSIVE SOLID, N.O.S. (M-XYLENE-ALPHA, ALPHA'-DIAMINE), Limited Quantity         Transport hazard class(es)       8         Class       8         Subsidiary risk       -         Packing group       III         Environmental hazards       Not available.         Special precautions for use       Not available.         Special precautions for use       Read safety instructions, SDS and emergency procedures before handling.	Ecotoxicity			
Mobility in soil       No data available.         Other adverse effects       The product contains volatile organic compounds which have a photochemical ozone creation potential.         13. Disposal considerations       Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international regulations.         Local disposal regulations       Dispose in accordance with all applicable regulations.         Hazardous waste code       The waste code should be assigned in discussion between the user, the producer and the waste disposal instructions.         Waste from residues / unused product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).         Contaminated packaging       Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.         TDG       UN number       UN1759         VIN proper shipping name Transport hazard class(se)       8         Subsidiary risk       -         Packing group       III         Environmental hazards       Not available.         Special precautions for use       Not available.         Special precautions for use       Read safety instructions, SDS and emergency procedures before handling.	Persistence and degradability	No data is available on the deg	gradability of any ingredients in the mixture.	
Other adverse effects       The product contains volatile organic compounds which have a photochemical ozone creation potential.         13. Disposal considerations <ul> <li>Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international regulations.</li> <li>Local disposal regulations</li> <li>Dispose in accordance with all applicable regulations.</li> <li>Hazardous waste code</li> <li>The waste code should be assigned in discussion between the user, the producer and the waste disposal company.</li> <li>Waste from residues / unused product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).</li> <li>Contaminated packaging</li> <li>Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.</li> </ul> 14. Transport information     UN1759           CORROSIVE SOLID, N.O.S. (M-XYLENE-ALPHA, ALPHA'-DIAMINE), Limited Quantity           Transport hazard class(es)         8           Class         8           Subsidiary risk         -           Packing group         III           Environmental hazards         Not available.           Special precautions for user         Read safety instructions, SDS and emergency procedures before handling.	Bioaccumulative potential			
13. Disposal considerations         Disposal instructions       Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international regulations.         Local disposal regulations       Dispose in accordance with all applicable regulations.         Hazardous waste code       The waste code should be assigned in discussion between the user, the producer and the waste disposal company.         Waste from residues / unused product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).         Contaminated packaging       Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.         14. Transport information       UN1759         CORROSIVE SOLID, N.O.S. (M-XYLENE-ALPHA,ALPHA'-DIAMINE), Limited Quantity         Transport hazard class(es)       Class         Class       8         Subsidiary risk       -         Packing group       III         Environmental hazards       Not available.         Special precautions for user       Read safety instructions, SDS and emergency procedures before handling.	Mobility in soil	No data available.		
Disposal instructions       Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international regulations.         Local disposal regulations       Dispose in accordance with all applicable regulations.         Hazardous waste code       The waste code should be assigned in discussion between the user, the producer and the waste disposal company.         Waste from residues / unused product residues.       Dispose of in accordance with local regulations. Empty containers or liners may retain some products         Contaminated packaging       Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.         TDG       UN 1759       CORROSIVE SOLID, N.O.S. (M-XYLENE-ALPHA,ALPHA'-DIAMINE), Limited Quantity         Class       8       Subsidiary risk       -         Packing group       III       III         Environmental hazards       Not available.       SDS and emergency procedures before handling.         IATA       Kead safety instructions, SDS and emergency procedures before handling.	Other adverse effects		rganic compounds which have a photochemical ozone creation	
Local disposal regulations       Dispose in accordance with all applicable regulations.         Hazardous waste code       Dispose in accordance with all applicable regulations.         Hazardous waste code       The waste code should be assigned in discussion between the user, the producer and the waste disposal company.         Waste from residues / unused product solut residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).         Contaminated packaging       Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.         14. Transport information       UN1759         CORROSIVE SOLID, N.O.S. (M-XYLENE-ALPHA, ALPHA'-DIAMINE), Limited Quantity         Transport hazard class(es)       8         Class       8         Subsidiary risk       -         Packing group       III         Environmental hazards       Not available.         Special precautions for user       Not available.         Special precautions for user       Not available.	13. Disposal consideration	IS		
Local disposal regulations       Dispose in accordance with all applicable regulations.         Hazardous waste code       The waste code should be assigned in discussion between the user, the producer and the waste disposal company.         Waste from residues / unused products       Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).         Contaminated packaging       Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal. <b>14. Transport information</b> UN1759         CORROSIVE SOLID, N.O.S. (M-XYLENE-ALPHA, ALPHA'-DIAMINE), Limited Quantity         Transport hazard class(es)       8         Class       8         Subsidiary risk       -         Packing group       III         Environmental hazards       Not available.         Special precautions for user       Read safety instructions, SDS and emergency procedures before handling.	Disposal instructions			
Hazardous waste code       The waste code should be assigned in discussion between the user, the producer and the waste disposal company.         Waste from residues / unused products       Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).         Contaminated packaging       Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal. <b>14. Transport information</b> UN1759         CORROSIVE SOLID, N.O.S. (M-XYLENE-ALPHA,ALPHA'-DIAMINE), Limited Quantity         Transport hazard class(es)       6         Class       8         Subsidiary risk       -         Packing group       III         Environmental hazards       Not available.         Special precautions for user       Read safety instructions, SDS and emergency procedures before handling.	Local disposal regulations			
Waste from residues / unused products       Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).         Contaminated packaging       Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.         14. Transport information       UN1759         UN number       UN1759         CORROSIVE SOLID, N.O.S. (M-XYLENE-ALPHA, ALPHA'-DIAMINE), Limited Quantity         Transport hazard class(es)       8         Class       8         Subsidiary risk       -         Packing group       III         Environmental hazards       Not available.         Special precautions for user       Read safety instructions, SDS and emergency procedures before handling.	Hazardous waste code			
products       product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).         Contaminated packaging       Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.         14. Transport information       UN1759         TDG       UN1759         CORROSIVE SOLID, N.O.S. (M-XYLENE-ALPHA, ALPHA'-DIAMINE), Limited Quantity         Transport hazard class(es)       CORROSIVE SOLID, N.O.S. (M-XYLENE-ALPHA, ALPHA'-DIAMINE), Limited Quantity         Class       8         Subsidiary risk       -         Packing group       III         Environmental hazards       Not available.         Special precautions for user       Read safety instructions, SDS and emergency procedures before handling.         IATA       IATA		disposal company.		
emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal. <b>14. Transport information TDG</b> UN number       UN1759         UN proper shipping name       CORROSIVE SOLID, N.O.S. (M-XYLENE-ALPHA,ALPHA'-DIAMINE), Limited Quantity         Transport hazard class(es)       Class         Class       8         Subsidiary risk       -         Packing group       III         Environmental hazards       Not available.         Special precautions for user       Read safety instructions, SDS and emergency procedures before handling.	Waste from residues / unused products	product residues. This materia		
TDG UN number UN1759 UN proper shipping name CORROSIVE SOLID, N.O.S. (M-XYLENE-ALPHA,ALPHA'-DIAMINE), Limited Quantity Transport hazard class(es) Class 8 Subsidiary risk - Packing group III Environmental hazards Not available. Special precautions for user Read safety instructions, SDS and emergency procedures before handling. IATA	Contaminated packaging	emptied. Empty containers sho		
TDG UN number UN1759 UN proper shipping name CORROSIVE SOLID, N.O.S. (M-XYLENE-ALPHA,ALPHA'-DIAMINE), Limited Quantity Transport hazard class(es) Class 8 Subsidiary risk - Packing group III Environmental hazards Not available. Special precautions for user Read safety instructions, SDS and emergency procedures before handling. IATA	14. Transport information			
UN numberUN1759UN proper shipping nameCORROSIVE SOLID, N.O.S. (M-XYLENE-ALPHA,ALPHA'-DIAMINE), Limited Quantityransport hazard class(es)8Class8Subsidiary risk-Packing groupIIIEnvironmental hazardsNot available.special precautions for useRead safety instructions, SDS and emergency procedures before handling.IATA	•			
UN proper shipping name Transport hazard class(es)       CORROSIVE SOLID, N.O.S. (M-XYLENE-ALPHA,ALPHA'-DIAMINE), Limited Quantity         Class       8         Subsidiary risk       -         Packing group       III         Environmental hazards       Not available.         Special precautions for user       Read safety instructions, SDS and emergency procedures before handling.         IATA		LIN1759		
Transport hazard class(es)         Class       8         Subsidiary risk       -         Packing group       III         Environmental hazards       Not available.         Special precautions for user       Read safety instructions, SDS and emergency procedures before handling.         IATA	•••••••		M-XYLENE-ALPHA,ALPHA'-DIAMINE), Limited Quantity	
Subsidiary risk       -         Packing group       III         Environmental hazards       Not available.         Special precautions for user       Read safety instructions, SDS and emergency procedures before handling.         IATA				
Packing group         III           Environmental hazards         Not available.           Special precautions for user         Read safety instructions, SDS and emergency procedures before handling.           IATA		8		
Environmental hazards Not available. Special precautions for user Read safety instructions, SDS and emergency procedures before handling. IATA	-	-		
Special precautions for user Read safety instructions, SDS and emergency procedures before handling. IATA				
	Special precautions for user		and emergency procedures before handling.	
		UN1759		

UN proper shipping name Transport hazard class(es)	Corrosive solid, n.o.s. (M-XYLENE-ALPHA,ALPHA'-DIAMINE), Limited Quantity
Class	8
Subsidiary risk	-
Packing group	
Environmental hazards	No.
ERG Code	8L
Special precautions for user Other information	Read safety instructions, SDS and emergency procedures before handling.
Passenger and cargo aircraft	Allowed with restrictions.
Cargo aircraft only	Allowed with restrictions.
IMDG	
UN number	UN1759
UN proper shipping name	CORROSIVE SOLID, N.O.S. (M-XYLENE-ALPHA, ALPHA'-DIAMINE), Limited Quantity
Transport hazard class(es)	
Class	8
Subsidiary risk	-
Packing group	
Environmental hazards	
Marine pollutant	No.
EmS	F-A, S-B
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not applicable.
ΙΑΤΑ	



## 15. Regulatory information

**Canadian regulations** 

This product has been classified in accordance with the hazard criteria of the HPR and the SDS contains all the information required by the HPR.

#### **Controlled Drugs and Substances Act**

Not regulated. Export Control List (CEPA 1999, Schedule 3) Not listed. Greenhouse Gases Not listed.

Not regulated.		
ernational regulations		
Stockholm Convention		
Not applicable. Rotterdam Convention		
Not applicable. <b>Kyoto Protocol</b>		
Not applicable. Montreal Protocol		
Not applicable. Basel Convention		
Not applicable.		
ernational Inventories		
Country(s) or region	Inventory name	On inventory (yes/no)
Australia	Australian Inventory of Chemical Substances (AICS)	Ν
Canada	Domestic Substances List (DSL)	Ν
Canada	Non-Domestic Substances List (NDSL)	Ν
China	Inventory of Existing Chemical Substances in China (IECSC)	Ν
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	Ν
Europe	European List of Notified Chemical Substances (ELINCS)	Ν
Japan	Inventory of Existing and New Chemical Substances (ENCS)	Ν
Korea	Existing Chemicals List (ECL)	Ν
New Zealand	New Zealand Inventory	Ν
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Ν
Taiwan	Taiwan Chemical Substance Inventory (TCSI)	Ν
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Ye

\*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s) A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

16. Other informati	
Issue date	16-June-2019
Revision date	04-May-2020
Version No.	02
Disclaimer	ITW Performance Polymers cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials o in any process, unless specified in the text. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release.