SAFETY DATA SHEET

Other means of identification SKU# 0096 Recommended use Not available. Recommended restrictions None known. Manufacturer/Importer/Supplier/Distributor Informance Polymers Address Address 35 Brownridge Rd Unit 1 Haiton Hills, ON L7G 0C6 Contact person Customer Service Telephone number 978-777-1100 Fax Emergency telephone Emergency telephone 800-424-9300 number 2. Supplier Not available. 2. 142 and telestriction Physical hazards Not classified. Health hazards Skin corrosion/irritation Category 2 Serious eye damage/eye irritation Category 1 Serious eye damage/eye irritation Category 2 Serious eye damage/eye irritation Environmental hazards Not classified. Label elements Category 1 Vicio breathing dus/fume/gas/mist/vapours/spray. Wash thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Wear eye protection/face protection. Wear protective gloves. Fivention	1. Identification		
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	Disposal	Dispose of contents/container in accordance with local/regional/national/international regulations.	
Supplemental information None.	Other hazards	None known.	
	Supplemental information	None.	

3. Composition/information on ingredients

Mixtures

Chemical name	Common name and synonyms	CAS number	%
CORUNDUM	· · ·	1302-74-5	30 - 60
ALUMINATE SILICATE		1327-36-2	10 - 30
Epoxy Resin:reaction Product Bisphenol A And Epichlorohydr (refer To Epichlorohydrin)		25068-38-6	10 - 30
Phenol Polymer With Formaldehyde, Glycidyl Ether		28064-14-4	10 - 30
Other components below report			1 - 5
All concentrations are in percent b	y weight unless ingredient is a gas. Gas concer	ntrations are in percent by vol	ume.
4. First-aid measures			
Inhalation	Move to fresh air. Call a physician if symptom	s develop or persist.	
Skin contact	Remove contaminated clothing immediately a eczema or other skin disorders: Seek medical contaminated clothing before reuse.	l attention and take along the	se instructions. Wash
Eye contact	Immediately flush eyes with plenty of water for present and easy to do. Continue rinsing. Get	medical attention if irritation of	
Ingestion	Rinse mouth. Get medical attention if symptor		
Most important symptoms/effects, acute and delayed	Severe eye irritation. Symptoms may include s vision. Skin irritation. May cause redness and Rash.		
Indication of immediate medical attention and special treatment needed	Provide general supportive measures and trea Symptoms may be delayed.	at symptomatically. Keep victi	m under observation.
General information	Ensure that medical personnel are aware of the protect themselves. Wash contaminated clother		ake precautions to
5. Fire-fighting measures			
Suitable extinguishing media	Water fog. Foam. Dry chemical powder. Carb	on dioxide (CO2).	
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as thi	s will spread the fire.	
Specific hazards arising from the chemical	During fire, gases hazardous to health may be	e formed.	
Special protective equipment and precautions for firefighters	Self-contained breathing apparatus and full pr	-	n in case of fire.
Fire fighting equipment/instructions	Use water spray to cool unopened containers.		
Specific methods	Use standard firefighting procedures and cons	sider the hazards of other invo	olved materials.
General fire hazards	No unusual fire or explosion hazards noted.		
6. Accidental release mea	sures		
Personal precautions, protective equipment and emergency procedures	Keep unnecessary personnel away. Keep peo appropriate protective equipment and clothing or spilled material unless wearing appropriate Local authorities should be advised if significa protection, see section 8 of the SDS.	during clean-up. Do not touc protective clothing. Ensure a	h damaged containers dequate ventilation.
Methods and materials for containment and cleaning up	Large Spills: Stop the flow of material, if this is possible. Absorb in vermiculite, dry sand or ea recovery, flush area with water.		
	Small Spills: Wipe up with absorbent material remove residual contamination.	(e.g. cloth, fleece). Clean sur	face thoroughly to
Environmental precautions	Never return spills to original containers for re Avoid discharge into drains, water courses or	•	e section 13 of the SDS
7. Handling and storage			
Precautions for safe handling	Avoid breathing dust/fume/gas/mist/vapours/s Provide adequate ventilation. Wear appropriating industrial hygiene practices.		
Material name: Devcon DEense Blok			SDS CANADA

Exposure controls/per	sonal protection		
cupational exposure limits US. ACGIH Threshold Limi			-
Components	Туре	Value	Form
ALUMINATE SILICATE (CAS 1327-36-2)	TWA	1 mg/m3	Respirable fraction.
Canada. Alberta OELs (Oco Components	cupational Health & Safety Code, Sche Type	dule 1, Table 2) Value	
CORUNDUM (CAS 1302-74-5)	TWA	10 mg/m3	
Canada. British Columbia (Safety Regulation 296/97, a	DELs. (Occupational Exposure Limits amended)	for Chemical Substances, C	Occupational Health and
Components	Туре	Value	Form
ALUMINATE SILICATE (CAS 1327-36-2)	TWA	1 mg/m3	Respirable.
CORUNDUM (CAS 1302-74-5)	TWA	3 mg/m3	Respirable fraction.
		10 mg/m3	Total dust.
Canada. Manitoba OELs (R	eg. 217/2006, The Workplace Safety A	nd Health Act)	
Components	Туре	Value	Form
ALUMINATE SILICATE (CAS 1327-36-2)	TWA	1 mg/m3	Respirable fraction.
Canada. Ontario OELs. (Co	ntrol of Exposure to Biological or Che	mical Agents)	
Components	Туре	Value	Form
ALUMINATE SILICATE (CAS 1327-36-2)	TWA	1 mg/m3	Respirable fraction.
CORUNDUM (CAS 1302-74-5)	TWA	3 mg/m3	Respirable fraction.
		10 mg/m3	Inhalable fraction.
Canada. Quebec OELs. (Mi Components	nistry of Labor - Regulation respecting Type	g occupational health and s Value	afety) Form
CORUNDUM (CAS 1302-74-5)	TWA	10 mg/m3	Total dust.
Canada. Saskatchewan OE Components	Ls (Occupational Health and Safety Re Type	egulations, 1996, Table 21) Value	Form
ALUMINATE SILICATE	15 minute		Dust.
(CAS 1327-36-2)	8 hour	20 mg/m3 10 mg/m3	Dust.
CORUNDUM (CAS	15 minute	20 mg/m3	
1302-74-5)			
	8 hour	10 mg/m3	
ological limit values	No biological exposure limits noted for	•	
propriate engineering ntrols	Good general ventilation should be used. Ventilation rates should be matched to conditions. applicable, use process enclosures, local exhaust ventilation, or other engineering controls t maintain airborne levels below recommended exposure limits. If exposure limits have not be established, maintain airborne levels to an acceptable level. Provide eyewash station and sa shower.		ner engineering controls to posure limits have not been
lividual protection measures Eye/face protection	, such as personal protective equipme Face shield is recommended. Wear s		s (or goggles).
Skin protection	ion Wear appropriate chemical resistant gloves.		

Other	Wear appropriate chemical resistant clothing. Use of an impervious apron is recommended.
Respiratory protection Thermal hazards	In case of insufficient ventilation, wear suitable respiratory equipment. 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	9. Physical and chemical properties		
Appearance	Solid.		
Physical state	Solid.		
Form	Solid.		
Colour	Not available.		
Odour	Mild.		
Odour threshold	Not available.		
рН	Not available.		
Melting point/freezing point	Not available.		
Initial boiling point and boiling range	245 °C (473 °F) estimated		
Flash point	> 93.3 °C (> 199.9 °F)		
Evaporation rate	Not available.		
Flammability (solid, gas)	Not available.		
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	1.18 g/cm3 estimated		
Explosive properties	Not explosive.		
Oxidising properties	Not oxidising.		
Specific gravity	1.18 estimated		
VOC	0 g/l		

10. Stability and reactivity

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	No dangerous reaction known under conditions of normal use.

	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. Avoid temperatures exceeding the flash point. Contact with incompatible materials.
Incompatible materials	Strong oxidising agents.
Hazardous decomposition products	No hazardous decomposition products are known.

11. Toxicological information

Information on likely routes of e	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 effe	ects	
Acute toxicity	Not known.	
Skin corrosion/irritation	Causes skin irritation.	
Serious eye damage/eye irritation	Causes serious eye irritation.	
Respiratory or skin sensitisation	n	
Canada - Alberta OELs: Irrita	ant	
CORUNDUM (CAS 1302-	-74-5) Irritant	
Respiratory sensitisation	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		
ALUMINATE SILICATE (Canada - Manitoba OELs: ca		
ALUMINATE SILICATE (
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.	
12. Ecological information	n	
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 environmentation of the envit of the environmentation of the env	
Persistence and degradability	No data is available on the degradability of any ingredients in the mixture.	
Bioaccumulative potential	No data available.	
Mobility in soil	No data available.	
Other adverse effects	No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.	
13. Disposal consideratio	ns	
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 wa	iste

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	

14. Transport information

TDG

Not regulated as dangerous goods.

ΙΑΤΑ

Not regulated as dangerous goods.

IMDG

Not regulated as dangerous goods.

Transport in bulk according to Not applicable. Annex II of MARPOL 73/78 and the IBC Code

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.

Precursor Control Regulations

Not regulated.

International regulations

Stockholm Convention

Not applicable.

Rotterdam Convention

Not applicable.

Kyoto Protocol

Not applicable.

Montreal Protocol

Not applicable.

Basel Convention

Not applicable.

International 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)	Yes
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)	No
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	No
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
Taiwan	Taiwan Chemical Substance Inventory (TCSI)	Yes

Country(s) or region

United States & Puerto Rico

Inventory name

Toxic Substances Control Act (TSCA) Inventory

*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	on
Issue date	28-May-2019
Version No.	01
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.

SAFETY DATA SHEET

1. Identification			
Product identifier	Devcon DFense Blok Quick Patch Hard	lener	
Other means of identification			
SKU#	5208		
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 2A	
	Sensitization, skin	Category 1A	
	Reproductive toxicity	Category 1B	
Environmental hazards	Not classified.		
Label elements			
Signal word	Danger		
Hazard statement	Causes skin irritation. May cause an allerg damage fertility or the unborn child.	Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. May	
Precautionary statement			
Prevention	Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid breathing dust/fume/gas/mist/vapours/spray. Wash thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves/protective clothing/eye protection/face protection.		
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 exposed or concerned: Get medical advice/attention. 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 locked up.		
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

lixtures			
Chemical name	Common name and synonyms	CAS number	%
CORUNDUM		1302-74-5	40 - 70
ALUMINATE SILICATE		1327-36-2	10 - 30
2,4,6-tris-(dimethylaminomethyl)-ph enol		90-72-2	5 - 10
DIETHYLENETRIAMINE		111-40-0	0.7
BISPHENOL A		80-05-7	0.3
Bis[2-(dimethylaminoethyl) Ether]		3033-62-3	< 0.3
Other components below reportable	levels		15 - 40

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	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	

0 0	
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	Use water spray to cool unopened containers.
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. 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.
	Never return apille to original containers for request For waste dispaced, and partian 12 of the SDS

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

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7. Handling and storage	
Precautions for safe handling	Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid breathing dust/fume/gas/mist/vapours/spray. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Pregnant or breastfeeding women must not handle this product. Should be handled in closed systems, if possible. Provide adequate ventilation. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.
Conditions for safe storage, including any incompatibilities	Store locked up. Store in tightly closed container. Store away from incompatible materials (see Section 10 of the SDS).

8. Exposure controls/personal protection

Occupational exposure limits

US. ACGIH Threshold Limit Values

Components	Туре	Value	Form
ALUMINATE SILICATE (CAS 1327-36-2)	TWA	1 mg/m3	Respirable fraction.
Bis[2-(dimethylaminoethyl) Ether] (CAS 3033-62-3)	STEL	0.15 ppm	
	TWA	0.05 ppm	
DIETHYLENETRIAMINE (CAS 111-40-0)	TWA	1 ppm	

Canada. Alberta OELs (Occupational Health & Safety Code, Schedule 1, Table 2)

Components	Туре	Value	
Bis[2-(dimethylaminoethyl) Ether] (CAS 3033-62-3)	STEL	0.9 mg/m3	
		0.15 ppm	
	TWA	0.3 mg/m3	
		0.05 ppm	
CORUNDUM (CAS 1302-74-5)	TWA	10 mg/m3	
DIETHYLENETRIAMINE (CAS 111-40-0)	TWA	4.2 mg/m3	
		1 ppm	

Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended)

Components	Туре	Value	Form
ALUMINATE SILICATE (CAS 1327-36-2)	TWA	1 mg/m3	Respirable.
Bis[2-(dimethylaminoethyl) Ether] (CAS 3033-62-3)	STEL	0.15 ppm	
	TWA	0.05 ppm	
CORUNDUM (CAS 1302-74-5)	TWA	3 mg/m3	Respirable fraction.
		10 mg/m3	Total dust.
DIETHYLENETRIAMINE (CAS 111-40-0)	TWA	1 ppm	

Canada. Manitoba OELs (Reg. 217/2006, The Workplace Safety And Health Act)

Components	Туре	Value	Form
ALUMINATE SILICATE (CAS 1327-36-2)	TWA	1 mg/m3	Respirable fraction.
Bis[2-(dimethylaminoethyl) Ether] (CAS 3033-62-3)	STEL	0.15 ppm	
	TWA	0.05 ppm	
DIETHYLENETRIAMINE (CAS 111-40-0)	TWA	1 ppm	

(CAS 1327-36-2) STEL 0.15 ppm Bis[2-(dimethylaminoethyl) STEL 0.05 ppm CORUNDUM (CAS TWA 3 mg/m3 Respirable fraction 100 mg/m3 Inhalable fraction 10 mg/m3 Inhalable fraction DIETHYLENETRIAMINE (CAS 111-40-0) TWA 1 ppm Inhalable fraction Components Type Value Form CORUNDUM (CAS 1302-74-5) TWA 10 mg/m3 Total dust. Components Type Value Form CORUNDUM (CAS 1302-74-5) TWA 10 mg/m3 Total dust. DIETHYLENETRIAMINE (CAS 111-40-0) TWA 4.2 mg/m3 Form CORUNDUM (CAS 111-40-0) TWA 4.2 mg/m3 Form CAnada. Saskatchewan OELs (Occupational Health and Safety Regulations, 1996, Table 21) Form Components Type Value Form ALUMINATE SILICATE (CAS 1327-36-2) 15 minute 20 mg/m3 Dust. Bis[2-(dimethylaminoethyl) 15 minute 0.15 ppm 1302-74-5) Bislow 10 mg/m3 Dust. 1302-74-5) 14 hour Bislow 15 minute<	Canada. Ontario OELs. (Control o Components	Туре	Value	Form
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		•	Can be absorbed through the align	

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,	such as personal protective equipment
Eye/face protection	Wear safety glasses with side shields (or goggles).
Skin protection Hand protection	Wear appropriate chemical resistant gloves.
Other	Wear appropriate chemical resistant clothing. Use of an impervious apron is recommended.
Respiratory protection Thermal hazards	In case of insufficient ventilation, wear suitable respiratory equipment. Wear appropriate thermal protective clothing, when necessary.
General hygiene considerations	Observe any medical surveillance requirements. 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

5. I hysical and chemical	properties
Appearance	Solid.
Physical state	Solid.
Form	Solid.
Colour	Amber.
Odour	Ammoniacal. fishy
Odour threshold	Not available.
рН	Not available.
Melting point/freezing point	Not available.
Initial boiling point and boiling range	Not available.
Flash point	93.3 °C (200.0 °F) estimated
Evaporation rate	Not available.
Flammability (solid, gas)	Not available.
Upper/lower flammability or exp	
Flammability limit - lower (%)	Not available.
Flammability limit - upper (%)	Not available.
Explosive limit - lower (%)	Not available.
Explosive limit – upper (%)	Not available.
Vapour pressure	0.000002 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	1.05 g/cm3 estimated
Explosive properties	Not explosive.
Oxidising properties	Not oxidising.

Specific gravity	1.05 estimated		
10. Stability and reactivity			
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	No dangerous reaction known	under conditions of normal use.	
Conditions to avoid	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. Avoid temperatures exceeding the flash point. Contact with incompatible materials.		
Incompatible materials	Strong oxidising agents.		
Hazardous decomposition products	No hazardous decomposition products are known.		
11. Toxicological informat	ion		
Information on likely routes of ex	cposure		
Inhalation	Prolonged inhalation may be h	narmful.	
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 effe	cts		
Acute toxicity	Not known.		
Components	Species	Test Results	
BISPHENOL A (CAS 80-05-7)			
<u>Acute</u>			
Oral	- .	"	
LD50	Rat	3300 mg/kg	
Skin corrosion/irritation	Causes skin irritation.		
Serious eye damage/eye irritation	Causes serious eye irritation.		
Respiratory or skin sensitisation			
Canada - Alberta OELs: Irrita			
Bis[2-(dimethylaminoethyl) Ether] (CAS 3033-62-3) CORUNDUM (CAS 1302-74-5) DIETHYLENETRIAMINE (CAS 111-40-0)		Irritant Irritant Irritant	
	ELs: Respiratory or skin sens		
DIETHYLENETRIAMINE	· · ·	Capable of causing respiratory, dermal or conjunctival sensitization.	
Respiratory sensitisation	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		

Carcinogenicity		
ACGIH Carcinogens		
ALUMINATE SILICATE (CAS 1327-36-2)		A4 Not classifiable as a human carcinogen.
Canada - Manitoba OELs: ca	arcinogenicity	
ALUMINATE SILICATE (CAS 1327-36-2)		Not classifiable as a human carcinogen.
Reproductive toxicity	May damage fertility or the u	nborn child.
Specific target organ toxicity - single exposure	Not classified.	
Specific target organ toxicity - repeated exposure	Not classified.	

mutagenic or genotoxic.

Aspiration hazard	Not an aspiration hazard.			
Chronic effects	Prolonged inhalation may be harmful.			
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				
Partition coefficient n-octar BISPHENOL A	nol / water (log Kow) 3.32			
Mobility in soil	No data available.			
Other adverse effects	No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.			
13. Disposal consideratio	ns			
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 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			

14. Transport information

TDG

Not regulated as dangerous goods.

Not regulated as dangerous goods.

IMDG

Not regulated as dangerous goods.

Transport in bulk according to Not applicable. Annex II of MARPOL 73/78 and the IBC Code

disposal.

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. Precursor Control Regulations Not regulated. International regulations Stockholm Convention Not applicable. Rotterdam Convention Not applicable. Kyoto Protocol Not applicable. Montreal Protocol

Not applicable.

Basel Convention

Not applicable.

International 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)	Yes
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)	No
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	No
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
Taiwan	Taiwan Chemical Substance Inventory (TCSI)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes
*A "Yes" indicates that all compo	nents of this product comply with the inventory requirements administered by the governing country(s)	

*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	on
Issue date	29-May-2019
Version No.	01
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.