# SAFETY DATA SHEET

## 1. Identification

1. Identification				
Product identifier	DEVCON® DFense Blok™	' Fast Cure (FC) F	Resin	
Other means of identification				
SKU#	0092			
Recommended use	Not available.			
Recommended restrictions	None known.			
Manufacturer/Importer/Supplier	Distributor information			
Manufacturer				
Company name	ITW Performance Polymers	3		
Address	30 Endicott Street			
	Danvers, MA 01923 United States			
Telephone	Customer Service	978-777-1100		
Website	www.itwperformancepolyme			
E-mail	Not available.			
Contact person	EHS Department			
Emergency phone number	Chemtrec	800-424-9300		
	International	703-527-3887		
2. Hazard(s) identification	1			
Physical hazards	Not classified.			
Health hazards	Skin corrosion/irritation		Category 2	
	Serious eye damage/eye irr	ritation	Category 2A	
	Sensitization, skin		Category 1	
Environmental hazards	Not classified.			
OSHA defined hazards	Not classified.			
Label elements				
	$\wedge$			
Signal word	Warning			
Hazard statement	Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation.			
Precautionary statement		-		
Prevention			ray. Wash thoroughly after handling. Contaminated vorkplace. Wear eye protection/face protection.	
Response		of water If in ever	s: Rinse cautiously with water for several minutes	
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	Not available.			
Disposal	Dispose of contents/container in accordance with local/regional/national/international regulations.			
Hazard(s) not otherwise classified (HNOC)	None known.			
Supplemental information	None.			
3 Composition/information				

## 3. Composition/information on ingredients

#### **Mixtures**

Chemical name	Common name and synonyms	CAS number	%
Bauxite		92797-42-7	60 - 80
Phenol Polymer With Formaldehyde, Glycidyl Ether		28064-14-4	10 - 30
Epoxy Resin: reaction product or Bisphenol A and epichlorohydrin (refer to epichlorohydrin)		25068-38-6	10 - 20
Other components below report	able levels		2.5 - 10
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.		
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 sympton	ms 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 protect themselves. Wash contaminated clother		ke 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 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 cons	sider the hazards of other invo	lved 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 per appropriate protective equipment and clothing or spilled material unless wearing appropriate Local authorities should be advised if significat protection, see section 8 of the SDS.	during clean-up. Do not touc protective clothing. Ensure ac	n damaged containers dequate ventilation.
Methods and materials for containment and cleaning up	Large Spills: Stop the flow of material, if this is with water.	s without risk. Following produ	ct recovery, flush area
	Small Spills: Clean surface thoroughly to remo	ove residual contamination.	
Environmental precautions	Never return spills to original containers for re Avoid discharge into drains, water courses or		section 13 of the SDS
7. Handling and storage			
Precautions for safe handling	Avoid breathing dust/fume/gas/mist/vapors/sp Provide adequate ventilation. Wear appropria industrial hygiene practices.		
Conditions for safe storage, including any incompatibilities	Store in tightly closed container. Store away fi SDS).	rom incompatible materials (se	ee Section 10 of the

## 8. Exposure controls/personal protection

Biological limit values	No biological exposure limits noted for the 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	s, such as personal protective equipment		
Eye/face protection	Wear safety glasses with side shields (or goggles). Face shield is recommended.		
Skin protection			
Hand protection	Wear appropriate chemical resistant gloves.		
Other	Wear appropriate chemical resistant clothing. Use of an impervious apron is recommended.		
<b>Respiratory protection</b>	In case of insufficient ventilation, wear suitable respiratory equipment.		
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

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Appearance	Solid.
Physical state	Solid.
Form	Solid.
Color	Not available.
Odor	Mild.
Odor threshold	Not available.
рН	Not available.
Melting point/freezing point	Not available.
Initial boiling point and boiling range	473 °F (245 °C) estimated
Flash point	265.0 °F (129.4 °C) estimated
Evaporation rate	Not available.
Flammability (solid, gas)	Not available.
Upper/lower flammability or exp	losive limits
Explosive limit - lower (%)	Not available.
Explosive limit - upper (%)	Not available.
Vapor pressure	Not available.
Vapor 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.
Oxidizing properties	Not oxidizing.
Specific gravity	1.18 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	Contact with incompatible materials.
Incompatible materials	Strong oxidizing agents.
Hazardous decomposition products	No hazardous decomposition products are known.

## 11. Toxicological information

Skin contactCauses skin irritation. May cause an allergic skin reaction.Eye contactCauses serious eye irritation.IngestionExpected to be a low ingestion hazard.Symptoms related to the ophysical, chemical and vision. Skin irritation. May cause redness and pain. May cause an allergic skin reaction.Dermation on toxicological characteristicsDermatitis. Rash.Information on toxicological effectsAcute toxicityNot known.Skin corrosion/irritationCauses skin irritation.Serious eye damage/eye irritationCauses skin irritation.Respiratory or skin sensitization irritationNot a respiratory sensitizer.Skin sensitizationMay cause an allergic skin reaction.Germ cell mutagenicityNot a respiratory sensitizer.Not listed.Not alassifiable as to carcinogenicity to humans.OSHA Specifically RegulatedSubtances (29 CFR 1910.1001.1053) Not listed.OSHA Specifically RegulatedSubtances (29 CFR 1910.1001.1053) Not listed.Operation isideNot classified.Specific target organ toxicity - single exposureNot classified.Specific target organ toxicity - single exposureNot classified.Specific target organ toxicity - single exposureNot classified as environmentally hazardous. However, this does not excludentPersistence and degradability No data available to not elasylib can have a harmful or damaging effect on the environPersistence and degradability No data available to not elasylib can have a harmful or damaging effect on the environSpecific target organ toxicity - sin	Information on likely routes of ex	xposure		
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Mobility in soilNo data available.Other adverse effectsNo other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation)	Persistence and degradability	No data is available on the degradability of any ingredients in the mixture.		
<b>Other adverse effects</b> No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation	Bioaccumulative potential			
	Other adverse effects			

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 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	1	

#### DOT

Not regulated as dangerous goods.

#### IATA 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

**US** federal regulations

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

#### **Toxic Substances Control Act (TSCA)**

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

#### CERCLA Hazardous Substance List (40 CFR 302.4)

Not listed.

#### SARA 304 Emergency release notification

Not regulated.

#### OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)

Not listed.

#### Superfund Amendments and Reauthorization Act of 1986 (SARA)

SARA 302 Extremely hazardous substance

Not listed.

SARA 311/312 Hazardous chemical	Yes
Classified hazard categories	Skin corrosion or irritation Serious eye damage or eye irritation Respiratory or skin sensitization
SARA 313 (TRI reporting) Not regulated.	

#### Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Not regulated.

#### Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated.

Safe Drinking Water Act Not regulated.

(SDWA)

#### **US state regulations**

#### California Proposition 65

**WARNING:** This product can expose you to Carbon Black, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

#### California Proposition 65 - CRT: Listed date/Carcinogenic substance

Carbon Black (CAS 1333-86-4)	Listed: February 21, 2003
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#### International Inventories

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Industrial Chemicals (AICIS)	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)	No
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	No
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	No
Taiwan	Taiwan Chemical Substance Inventory (TCSI)	No
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

\*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 information, including date of preparation or last revision

Issue date	05-28-2019
Revision date	07-28-2023
Revision date	07-20-2023
Version #	07
HMIS® ratings	Health: 2 Flammability: 1 Physical hazard: 0
NFPA ratings	Health: 2 Flammability: 1 Instability: 0
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

1. Identification				
Product identifier	DEVCON® DFense Blok™	<sup>M</sup> Fast Cure (FC) I	Hardener	
Other means of identification				
SKU#	5206			
Recommended use	Not available.	Not available.		
Recommended restrictions	None known.	None known.		
Manufacturer/Importer/Supplier	r/Distributor information			
Manufacturer				
Company name	ITW Performance Polymers			
Address	30 Endicott Street			
	Danvers, MA 01923 United States			
Telephone	Customer Service	978-777-1100		
Website	www.itwperformancepolym			
E-mail	Not available.			
Contact person	EHS Department	000 101		
Emergency phone number	Chemtrec International	800-424-9300 703-527-3887		
		703-527-3887		
2. Hazard(s) identification	n			
Physical hazards	Not classified.			
Health hazards	Acute toxicity, oral		Category 4	
	Skin corrosion/irritation		Category 1A	
	Serious eye damage/eye ir	ritation	Category 1	
	Sensitization, respiratory		Category 1	
	Sensitization, skin		Category 1	
	Reproductive toxicity		Category 2	
Environmental hazards	Not classified.			
OSHA defined hazards	Not classified.			
Label elements				
		()		
Signal word	Danger			
Hazard statement	reaction. Causes serious e	Harmful if swallowed. Causes severe skin burns and eye damage. May cause an allergic skin reaction. Causes serious eye damage. May cause allergy or asthma symptoms or breathing difficulties 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 dust/fume/gas/mist/vapors/spray. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Contaminated work clothing must not be allowed out of the workplace. Wear protective gloves/protective clothing/eye protection/face protection. In case of inadequate ventilation wear respiratory protection.			
Response	immediately all contaminate to fresh air and keep comfo	Rinse mouth. If swallowed: Rinse mouth. Do NOT induce vomiting. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. 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		

contaminated clothing and wash it before reuse.

minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center/doctor. If skin irritation or rash occurs: Get medical advice/attention. Take off

Store locked up.

Storage

None.

#### 3. Composition/information on ingredients

**Mixtures** 

Chemical name	Common name and synonyms	CAS number	%
Bauxite		92797-42-7	40 - 70
PHENOL, STYRENATED		61788-44-1	7 - 13
Diethylenetriamine		111-40-0	3 - 7
Aminoethylpiperazine		140-31-8	1 - 5
Triethylolamine		102-71-6	1 - 5
Titanium Dioxide	TITANIUM DIOXIDE	13463-67-7	0.1 - 1
Other components below re	portable levels		10 - 20

#### 4. First-aid measures

Inhalation	If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. Oxygen or artificial respiration if needed. Do not use mouth-to-mouth method if victim inhaled the substance. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. If experiencing respiratory symptoms: Call a poison center or doctor/physician.
Skin contact	Remove contaminated clothing immediately and wash skin with soap and water. Call a physician or poison control center 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 center immediately.
Ingestion	Call a physician or poison control center 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. Difficulty in breathing.
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 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 meas	sures

# Personal precautions,<br/>protective equipment and<br/>emergency proceduresKeep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear<br/>appropriate protective equipment and clothing during clean-up. Do not touch damaged containers<br/>or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation.<br/>Local authorities should be advised if significant spillages cannot be contained. For personal<br/>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. Following product recovery, flush area with water.	
	Small Spills: Clean surface thoroughly to remove residual contamination.	
Environmental precautions	Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS. Avoid discharge into drains, water courses or onto the ground.	
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. Do not get in eyes, on skin, or on clothing. Do not taste or swallow. Avoid breathing dust/fume/gas/mist/vapors/spray. Avoid prolonged exposure. When using, do not eat, drink or smoke. 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. Wash hands thoroughly after handling. Observe good industrial hygiene practices.	
Conditions for safe storage, including any incompatibilities	Store locked up. Store in tightly closed container. Store in a well-ventilated place. Store away from incompatible materials (see Section 10 of the SDS).	

## 8. Exposure controls/personal protection

#### **Occupational exposure limits**

The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit. At this time, the other constituents have no known exposure limits.

Components	Туре	Value	Form
Titanium Dioxide (CAS 13463-67-7)	PEL	15 mg/m3	Total dust.
US. OSHA Table Z-3 Permissible E	xposure Limits (PEL) for Mi	neral Dusts (29 CFR 1910.1000	)
Components	Туре	Value	Form
Titanium Dioxide (CAS 13463-67-7)	TWA	5 mg/m3	Respirable fraction.
		15 mg/m3	Total dust.
		50 mppcf	Total dust.
		15 mppcf	Respirable fraction.
US. ACGIH Threshold Limit Values	; (TLV)		
Components	Туре	Value	Form
Diethylenetriamine (CAS 111-40-0)	TWA	1 ppm	
Titanium Dioxide (CAS 13463-67-7)	TWA	2.5 mg/m3	Respirable finescale particles
		0.2 mg/m3	Respirable nanoscale particles
Triethylolamine (CAS 102-71-6)	TWA	5 mg/m3	
NIOSH. Immediately Dangerous to	Life or Health (IDLH) Values	, as amended	
Components	Туре	Value	
Titanium Dioxide (CAS 13463-67-7)	IDLH	5000 mg/m3	
US. NIOSH: Pocket Guide to Chem Components	ical Hazards Recommended Type	l Exposure Limits (REL) Value	
Diethylenetriamine (CAS 111-40-0)	TWA	4 mg/m3	
		1 ppm	
ogical limit values No bi	ological exposure limits noted	for the ingredient(s).	
osure guidelines			
US - California OELs: Skin designa	ation		
Diethylenetriamine (CAS 111-40	0)	h be absorbed through the skin.	

US - Minnesota Haz Subs: Sł	kin designation applies	
Diethylenetriamine (CAS 111-40-0)		Skin designation applies.
US ACGIH Threshold Limit V	alues: Skin designation	
Diethylenetriamine (CAS 1		Danger of cutaneous absorption
US NIOSH Pocket Guide to C	hemical Hazards: Skin desigr	ation
Diethylenetriamine (CAS 1	11-40-0)	Can be absorbed through the skin.
Appropriate engineering controls	applicable, use process enclos maintain airborne levels below established, maintain airborne	d be used. Ventilation rates should be matched to conditions. If ures, local exhaust ventilation, or other engineering controls to recommended exposure limits. If exposure limits have not been levels to an acceptable level. General ventilation normally nd emergency shower must be available when handling this
Individual protection measures, s	such as personal protective ed	quipment
Eye/face protection	Wear safety glasses with side s	shields (or goggles) and a face shield.
Skin protection		
Hand protection	Wear appropriate chemical res	istant gloves.
Other	Wear appropriate chemical res	istant clothing. Use of an impervious apron is recommended.
Respiratory protection	When workers are facing concertified respirators.	entrations above the exposure limit they must use appropriate
Thermal hazards	Wear appropriate thermal prote	ective clothing, when necessary.
General hygiene considerations	good personal hygiene measur drinking, and/or smoking. Rou	nce requirements. Keep away from food and drink. Always observe res, such as washing after handling the material and before eating, tinely wash work clothing and protective equipment to remove ork clothing should not be allowed out of the workplace.

# 9. Physical and chemical properties

Appearance	Solid.
Physical state	Solid.
Form	Solid.
Color	Amber
Odor	Ammoniacal. fishy
Odor threshold	Not available.
рН	Not available.
Melting point/freezing point	-38.2 °F (-39 °C) estimated
Initial boiling point and boiling range	Not available.
Flash point	224.6 °F (107.0 °C) estimated
Evaporation rate	Not available.
Flammability (solid, gas)	Not available.
Upper/lower flammability or exp	olosive limits
Explosive limit - lower (%)	Not available.
Explosive limit - upper (%)	Not available.
Vapor pressure	0.19 hPa estimated
Vapor density	Not available.
Relative density	Not available.
Solubility(ies)	
Solubility (water)	Not available.
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	750.02 °F (398.9 °C) estimated
Decomposition temperature	Not available.
Viscosity	Not available.

Other information	
Density	1.00 g/cm3 estimated
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.
Specific gravity	1 estimated
10. Stability and reactivit	t <b>y</b>
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 polymerization does not occur.
Conditions to avoid	Contact with incompatible materials.
Incompatible materials	Strong acids.
Hazardous decomposition products	No hazardous decomposition products are known.
•	
11. Toxicological information	ation
11. Toxicological information on likely routes of	
, C	
Information on likely routes of	exposure May cause irritation to the respiratory system. May cause allergy or asthma symptoms or
Information on likely routes of Inhalation	exposure May cause irritation to the respiratory system. May cause allergy or asthma symptoms or breathing difficulties if inhaled. Prolonged inhalation may be harmful.
Information on likely routes of Inhalation	exposure May cause irritation to the respiratory system. May cause allergy or asthma symptoms or breathing difficulties if inhaled. Prolonged inhalation may be harmful. Causes severe skin burns. May cause an allergic skin reaction. Prolonged or repeated exposure may cause liver and kidney damage. These effects have not
Information on likely routes of Inhalation Skin contact	<ul> <li>exposure</li> <li>May cause irritation to the respiratory system. May cause allergy or asthma symptoms or breathing difficulties if inhaled. Prolonged inhalation may be harmful.</li> <li>Causes severe skin burns. May cause an allergic skin reaction.</li> <li>Prolonged or repeated exposure may cause liver and kidney damage. These effects have not been observed in humans.</li> </ul>

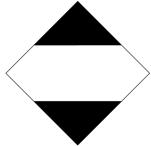
#### Information on toxicological effects

Acute toxicity	Harmful if swallowed.	
Components	Species	Test Results
Aminoethylpiperazine (CA	S 140-31-8)	
Acute		
Dermal		
LD50	Rabbit	880 mg/kg
Diethylenetriamine (CAS <sup>2</sup>	111-40-0)	
<u>Acute</u>		
Dermal		
LD50	Rabbit	1090 mg/kg
Oral		
LD50	Rat	1080 mg/kg
Titanium Dioxide (CAS 13	463-67-7)	
<u>Acute</u>		
Dermal		
LD50	Hamster	>= 10000 mg/kg
Oral		
LD50	Rat	> 10000 mg/kg
Triethylolamine (CAS 102	-71-6)	
Acute		
Dermal		
LD50	Rabbit	> 20000 mg/kg

Components	Species	Test Results		
Oral				
LD50	Rat	8 g/kg		
Skin corrosion/irritation	Causes severe skin burns and eye damage.			
Serious eye damage/eye rritation	Causes serious eye damage.			
Respiratory or skin sensitizatio	on			
Respiratory sensitization		May cause allergy or asthma symptoms or breathing difficulties if inhaled.		
Skin sensitization	May cause an allergic skin reaction.			
Serm cell mutagenicity	No data available to ir mutagenic or genotox	ndicate product or any components present at greater than 0.1% are ic.		
Carcinogenicity	Not classifiable as to o	carcinogenicity to humans.		
IARC Monographs. Overall	Evaluation of Carcinog	Jenicity		
Titanium Dioxide (CAS 1 Triethylolamine (CAS 10 <b>OSHA Specifically Regulat</b> Not listed. <b>US. National Toxicology Pr</b>	02-71-6) ed Substances (29 CFR			
Not listed.	Successful of domosir	as fartility or the unhern child		
Reproductive toxicity Specific target organ toxicity - single exposure	Not classified.	ng fertility or the unborn child.		
Specific target organ toxicity - repeated exposure	Not classified.			
Aspiration hazard	Not an aspiration haza	ard		
Chronic effects	Not an aspiration hazard. Prolonged inhalation may be harmful. May be harmful if absorbed through skin.			
	Prolonged or repeated	d exposure may cause liver and kidney damage. These effects have not		
12. Ecological information	been observed in hum			
, , , , , , , , , , , , , , , , , , ,				
Ecotoxicity	possibility that large of	ssified as environmentally hazardous. However, this does not exclude the r frequent spills can have a harmful or damaging effect on the environment.		
Persistence and degradability	No data is available o	n the degradability of any ingredients in the mixture.		
Bioaccumulative potential				
Partition coefficient n-octa Aminoethylpiperazine Triethylolamine	nol / water (log Kow)	-1.57 -1		
Mobility in soil	No data available.			
Other adverse effects	No other adverse envi	ironmental effects (e.g. ozone depletion, photochemical ozone creation isruption, global warming potential) are expected from this component.		
13. Disposal consideration	-			
Disposal instructions	the material under cor	Dispose of this material and its container to hazardous or special waste collection point. Incinerate the material under controlled conditions in an approved incinerator. Dispose of contents/container in accordance with local/regional/national/international regulations.		
Local disposal regulations		e with all applicable regulations.		
Hazardous waste code	D002: Waste Corrosiv	re material [pH $\leq$ 2 or =>12.5, or corrosive to steel] d be assigned in discussion between the user, the producer and the waste		
Waste from residues / unused products	Dispose of in accorda	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:		
Contaminated packaging		ners may retain product residue, follow label warnings even after container is		

# 14. Transport information

DOT	
UN number	UN3263
UN proper shipping name	Corrosive solid, basic, organic, n.o.s. (Aminoethylpiperazine), Limited Quantity
Transport hazard class(es)	
Class	8
Subsidiary risk	-
Label(s)	8
Packing group	III
Environmental hazards	
Marine pollutant	No.
	Read safety instructions, SDS and emergency procedures before handling.
Special provisions	IB8, IP3, T1, TP33
Packaging exceptions	154
Packaging non bulk	213
Packaging bulk	240
ΙΑΤΑ	
UN number	UN3263
UN proper shipping name	Corrosive solid, basic, organic, n.o.s. (Aminoethylpiperazine), Limited Quantity
Transport hazard class(es)	
Class	8
Subsidiary risk	-
Packing group	III
Environmental hazards	No.
ERG Code	8L
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.
Other information	
Passenger and cargo	Allowed with restrictions.
aircraft	
Cargo aircraft only	Allowed with restrictions.
IMDG	
UN number	UN3263
UN proper shipping name	CORROSIVE SOLID, BASIC, ORGANIC, N.O.S. (Aminoethylpiperazine), Limited Quantity
Transport hazard class(es)	
Class	8
Subsidiary risk	-
Packing group	III
Environmental hazards	
Marine pollutant	No.
EmS	F-A, S-B
· ·	Read safety instructions, SDS and emergency procedures before handling.
Transport in bulk according to	Not applicable.
Annex II of MARPOL 73/78 and	
the IBC Code	
DOT; IMDG	





#### 15. Regulatory information **US** federal regulations This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200. **Toxic Substances Control Act (TSCA)** TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D) Not regulated. CERCLA Hazardous Substance List (40 CFR 302.4) Not listed. SARA 304 Emergency release notification Not regulated. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053) Not listed. Superfund Amendments and Reauthorization Act of 1986 (SARA) SARA 302 Extremely hazardous substance Not listed. SARA 311/312 Hazardous Yes chemical **Classified hazard** Acute toxicity (any route of exposure) Skin corrosion or irritation categories Serious eye damage or eye irritation Respiratory or skin sensitization Reproductive toxicity SARA 313 (TRI reporting) Not regulated. Other federal regulations Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List Not regulated. Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130) Not regulated. Safe Drinking Water Act Not regulated. (SDWA) **US state regulations** US. California. Candidate Chemicals List. Safer Consumer Products Regulations (Cal. Code Regs, tit. 22, 69502.3, subd. (a)) Titanium Dioxide (CAS 13463-67-7) **California Proposition 65** WARNING: This product can expose you to Titanium Dioxide, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov. California Proposition 65 - CRT: Listed date/Carcinogenic substance Titanium Dioxide (CAS 13463-67-7) Listed: September 2, 2011 International Inventories

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Industrial Chemicals (AICIS)	No
Canada	Domestic Substances List (DSL)	Yes
Material name: DEVCON® DFens	se Blok™ Fast Cure (FC) Hardener	SDS US

Country(s) or region	Inventory name On in	ventory (yes/no)*
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)	No
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	No
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	No
Taiwan	Taiwan Chemical Substance Inventory (TCSI)	No
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes
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\*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 information, including date of preparation or last revision

Issue date	05-29-2019
Revision date	07-31-2023
Version #	07
HMIS® ratings	Health: 3* Flammability: 1 Physical hazard: 0
NFPA ratings	Health: 3 Flammability: 1 Instability: 0
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.