

SAFETY DATA SHEET



1. Identification

In raomanour			
Product identifier	DEVCON® Plastic Steel® 5 Min	ute® Putty ((SF) Resin
Other means of identification			
SKU#	0116		
Recommended use	Not available.		
Recommended restrictions	None known.		
Manufacturer/Importer/Supplie	r/Distributor information		
Manufacturer			
Company name	ITW Performance Polymers		
Address	30 Endicott Street		
	Danvers, MA 01923		
Tolonhono	United States Customer Service 978-	777-1100	
Telephone Website	www.itwperformancepolymers.cor		
E-mail	Not available.		
Contact person	EHS Department		
Emergency phone number	-	424-9300	
	International 703-	527-3887	
2. Hazard(s) identification	n		
Physical hazards	Not classified.		
Health hazards	Skin corrosion/irritation		Category 2
	Serious eye damage/eye irritation	l	Category 2A
	Sensitization, skin		Category 1
	Specific target organ toxicity, sing	le exposure	
Environmental hazards	Not classified.		
OSHA defined hazards	Not classified.		
Label elements			
Signal word	Warning		
Hazard statement	U	an alleraic s	skin reaction. Causes serious eye irritation. May
Hazaru Statement	cause drowsiness or dizziness.	an allergic a	shir reaction. Gauses senous eye irritation. May
Precautionary statement			
Prevention	Wash thoroughly after handling. I	Jse only out	doors or in a well-ventilated area. Contaminated
	work clothing must not be allowed		vorkplace. Wear eye protection/face protection.
	Wear protective gloves.		
Response			 Remove person to fresh air and keep comfortable water for several minutes. Remove contact lenses,
			all a poison center/doctor if you feel unwell. If skin
	irritation or rash occurs: Get medi	cal advice/a	ttention. If eye irritation persists: Get medical
_	advice/attention. Take off contami		-
Storage	Store in a well-ventilated place. K	•	
Disposal	Dispose of contents/container in a	accordance	with local/regional/national/international regulations.
Hazard(s) not otherwise classified (HNOC)	None known.		
Supplemental information	None.		

3. Composition/information	on on ingredients		
Mixtures			
Chemical name	Common name and synonyms	CAS number	%
Ferrosilicon, [with >= 30% But < 70% Silicon]	<=	8049-17-0	40 - 70
Epoxy Resin:reaction Product Bisphenol A And Epichlorohydr (refer To Epichlorohydrin)		25068-38-6	15 - 40
Carbon Black		1333-86-4	0.1 - 1
Other components below repor	table levels		1 - <3
*Designates that a specific chemic	al identity and/or percentage of composition h	as been withheld as a trade se	ecret.
4. First-aid measures			
Inhalation	Remove victim to fresh air and keep at rest in center or doctor/physician if you feel unwell.	n a position comfortable for bro	eathing. Call a poison
Skin contact	Remove contaminated clothing immediately eczema or other skin disorders: Seek medica 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 sympto	oms occur.	
Most important symptoms/effects, acute and delayed	May cause drowsiness and dizziness. Headache. Nausea, vomiting. 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 protect themselves. Wash contaminated clot		ake precautions to
5. Fire-fighting measures			
Suitable extinguishing media	Water fog. Foam. Dry chemical powder. Carl	bon dioxide (CO2).	
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as th	nis will spread the fire.	
Specific hazards arising from the chemical	During fire, gases hazardous to health may b	be formed.	
Special protective equipment and precautions for firefighters	Self-contained breathing apparatus and full p	protective clothing must be wo	rn 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 cor	nsider the hazards of other inv	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 per appropriate protective equipment and clothin not touch damaged containers or spilled mat Ensure adequate ventilation. Local authoritie contained. For personal protection, see section	g during clean-up. Avoid breat erial unless wearing appropria is should be advised if significa	thing mist/vapors. Do the protective clothing.
Methods and materials for containment and cleaning up	Large Spills: Stop the flow of material, if this possible. Absorb in vermiculite, dry sand or e recovery flush area with water		

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Environmental precautionsNever 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.

recovery, flush area with water.

7. Handling and storage			
Precautions for safe handling	Avoid breathing mist/vapors. Avoid co ventilation. Wear appropriate persona practices.		
Conditions for safe storage, including any incompatibilities	Store locked up. Store in tightly closed Section 10 of the SDS).	d container. Store away from	incompatible materials (see
8. Exposure controls/pers	sonal protection		
Occupational exposure limits			
US. OSHA Table Z-1 Limits	for Air Contaminants (29 CFR 1910.10	000)	
Components	Туре	Value	
Carbon Black (CAS 1333-86-4)	PEL	3.5 mg/m3	
US. ACGIH Threshold Limit	Values		
Components	Туре	Value	Form
Carbon Black (CAS 1333-86-4)	TWA	3 mg/m3	Inhalable fraction.
US. NIOSH: Pocket Guide to	o Chemical Hazards		
Components	Туре	Value	
Carbon Black (CAS 1333-86-4)	TWA	0.1 mg/m3	
Biological limit values	No biological exposure limits noted fo	r the ingredient(s).	
Appropriate engineering controls	Good general ventilation should be us applicable, use process enclosures, lo maintain airborne levels below recom established, maintain airborne levels shower.	ocal exhaust ventilation, or oth mended exposure limits. If ex	ner engineering controls to posure limits have not been
Individual protection measures	, such as personal protective equipme	ent	
Eye/face protection	Chemical respirator with organic vapo	r cartridge and full facepiece.	
Skin protection			
Hand protection	Wear appropriate chemical resistant g	ploves.	
Other	Wear appropriate chemical resistant of	clothing.	
Respiratory protection	Chemical respirator with organic vapo	r cartridge and full facepiece.	
Thermal hazards	Wear appropriate thermal protective of	lothing, when necessary.	
General hygiene considerations	Always observe good personal hygier and before eating, drinking, and/or sm equipment to remove contaminants. C workplace.	oking. Routinely wash work	clothing and protective
9. Physical and chemical	properties		
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Appearance	Paste.
Physical state	Solid.
Form	Paste.
Color	Dark grey
Odor	Slight.
Odor threshold	Not available.
рН	Not available.
Melting point/freezing point	Not available.
Initial boiling point and boiling range	608 °F (320 °C) estimated
Flash point	> 399.9 °F (> 204.4 °C)
Evaporation rate	Not available.
Flammability (solid, gas)	Not applicable.

Upper/lower flammability or explosive limits

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.
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	1.16 g/cm3 estimated
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.
Specific gravity	1.16 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.
Conditions to avoid	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. Contact with incompatible materials.
Incompatible materials	Strong oxidizing agents.
Hazardous decomposition products	No hazardous decomposition products are known.

11. Toxicological information

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Information on likely routes of	exposure		
Inhalation	May cause drowsiness and dizziness. Headache. Nausea, vomiting.		
Skin contact	Causes skin irritation. May c	ause an allergic skin reaction.	
Eye contact	Causes serious eye irritatior	L.	
Ingestion	Expected to be a low ingestion hazard.		
Symptoms related to the physical, chemical and toxicological characteristics	May cause drowsiness and dizziness. Headache. Nausea, vomiting. 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 eff	fects		
Acute toxicity	Not known.		
Components	Species	Test Results	
Carbon Black (CAS 1333-86-4)			
<u>Acute</u>			
Oral			
LD50	Rat	> 8000 mg/kg	
Skin corrosion/irritation	Causes skin irritation.		

Serious eye damage/eye irritation	Causes serious eye irritation.	
Respiratory or skin sensitization	1	
Respiratory sensitization	Not a respiratory sensitizer.	
Skin sensitization	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	Not classifiable as to carcinogenicity to humans.	
IARC Monographs. Overall	Evaluation of Carcinogenicity	
Not listed.	-86-4) 2B Possibly carcinogenic to humans. d Substances (29 CFR 1910.1001-1053) ogram (NTP) Report on Carcinogens	
Carbon Black (CAS 1333	-86-4) Known To Be Human Carcinogen.	
Reproductive toxicity	This product is not expected to cause reproductive or developmental effects.	
Specific target organ toxicity - single exposure	May cause drowsiness and dizziness.	
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 environment.	
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 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		

DOT

Not regulated as dangerous goods.

ΙΑΤΑ

Not regulated as dangerous goods.

IMDG

Not regulated as dangerous goods.

Transport in bulk according to Not established.

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		
	<pre>kport Notification (40 CFR 707, Subpt. D)</pre>	
Not regulated.		
CERCLA Hazardous Subst	tance List (40 CFR 302.4)	
Not listed. SARA 304 Emergency rele	ase notification	
Not regulated. OSHA Specifically Regulat	ed Substances (29 CFR 1910.1001-1053)	
Not listed.		
SARA 302 Extremely haza	Reauthorization Act of 1986 (SARA) rdous 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 Specific target organ toxicity (single or repeated exposure)	
SARA 313 (TRI reporting) Not regulated.		
Other federal regulations		
-	on 112 Hazardous Air Pollutants (HAPs) List	
Not regulated.		
Clean Air Act (CAA) Section Not regulated.	on 112(r) Accidental Release Prevention (40 CFR 68.130)	
Safe Drinking Water Act (SDWA)	Not regulated.	
US state regulations		
California Proposition 65		
WARNING: T	his product can expose you to Carbon Black, which is known to the Stancer. For more information go to www.P65Warnings.ca.gov.	ate of California to cause
California Proposition	65 - CRT: Listed date/Carcinogenic substance	
Carbon Black (CAS	Listed: February 21, 2003	
US. California. Candid subd. (a))	ate Chemicals List. Safer Consumer Products Regulations (Cal. C	ode Regs, tit. 22, 69502.3,
Carbon Black (CAS	6 1333-86-4)	
International Inventories		
Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	Yes
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)	No
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
T :	Taiwan Obamiaal Outatanaa Inwantany (TOOI)	

Taiwan Chemical Substance Inventory (TCSI)

Taiwan

Yes

Country(s) or region

Inventory name

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	05-29-2019
Version #	01
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

Product identifier	DEVCON® Plastic Steel®	5 Minute® Putty	(SF) Hardener
Other means of identification			
SKU#	5332		
Recommended use	Not available.		
Recommended restrictions	None known.		
Manufacturer/Importer/Supplier	r/Distributor information		
Manufacturer			
Company name	ITW Performance Polymers	5	
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	n		
Physical hazards	Not classified.		
Health hazards	Skin corrosion/irritation		Category 2
	Serious eye damage/eye irr	itation	Category 2
	Sensitization, skin		Category 1
Environmental hazards	Not classified.		<i>c</i> ,
OSHA defined hazards	Not classified.		
Label elements	•		
Signal word	Warning		
Hazard statement		cause an alleroic s	skin reaction. Causes serious eye irritation.
Precautionary statement			······································
Prevention	Wash thoroughly after hand	lling. Contaminate	d work clothing must not be allowed out of the
	workplace. Wear eye protect		
Response			s: Rinse cautiously with water for several minutes.
			o do. Continue rinsing. If skin irritation or rash
	off contaminated clothing ar		ritation persists: Get medical advice/attention. Take reuse.
Storage	Store away from incompatib		
Disposal			with local/regional/national/international regulations.
Hazard(s) not otherwise	None known.		
classified (HNOC)			
Supplemental information	None.		

3. Composition/information on ingredients

Mixtures

Chemical name	Common name and synonyms	CAS number	%
Calcium Carbonate		1317-65-3	30 - 40
Tris-2,4,6-(dimethylaminomethyl)ph enol		90-72-2	10 - 20
Titanium Dioxide		13463-67-7	1 - 10
Crystalline silica		14808-60-7	0.1 - 1
Other components below reportable	levels		30 - 60

*Designates that a specific chemical identity and/or percentage of composition has been withheld as a trade secret.

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-	fiahtina	measures
		mououroo

Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2).
Do not use water jet as an extinguisher, as this will spread the fire.
During fire, gases hazardous to health may be formed.
Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
Move containers from fire area if you can do so without risk.
Use standard firefighting procedures and consider the hazards of other involved materials.
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. W appropriate protective equipment and clothing during clean-up. Avoid breathing mist/vap not touch damaged containers or spilled material unless wearing appropriate protective Ensure adequate ventilation. Local authorities should be advised if significant spillages 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 spills to original containers for re-use. For waste disposal, see section 13 of the SDS.
Environmental precautions	Avoid discharge into drains, water courses or onto the ground.
7. Handling and storage	
Precautions for safe handling	Avoid breathing mist/vapors. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Provide adequate ventilation. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.

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
Calcium Carbonate (CAS 1317-65-3)	PEL	5 mg/m3	Respirable fraction.
		15 mg/m3	Total dust.
Crystalline silica (CAS 14808-60-7)	PEL	0.05 mg/m3	Respirable dust.
Titanium Dioxide (CAS 13463-67-7)	PEL	15 mg/m3	Total dust.
US. OSHA Table Z-3 (29 C Components	FR 1910.1000) Type	Value	Form
Crystalline silica (CAS 14808-60-7)	TWA	0.1 mg/m3	Respirable.
		2.4 mppcf	Respirable.
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 Lim		Value	Form
Components	Туре	Value	
Crystalline silica (CAS 14808-60-7)	TWA	0.025 mg/m3	Respirable fraction.
Titanium Dioxide (CAS 13463-67-7)	TWA	10 mg/m3	
US. NIOSH: Pocket Guide	to Chemical Hazards		
Components	Туре	Value	Form
Calcium Carbonate (CAS 1317-65-3)	TWA	5 mg/m3	Respirable.
		10 mg/m3	Total
Crystalline silica (CAS 14808-60-7)	TWA	0.05 mg/m3	Respirable dust.
ogical limit values	No biological exposure limits noted for	or the ingredient(s).	
propriate engineering trols	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 safe shower.		
vidual protection measure Eye/face protection	es, such as personal protective equipm Face shield is recommended. Wear s		(or goggles).
Skin protection Hand protection	Wear appropriate chemical resistant	gloves.	
Other	Wear appropriate chemical resistant	clothing. Use of an impervious	apron is recommended.
-	Wear appropriate chemical resistant In case of insufficient ventilation, wea		

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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	Putty	
Physical state	Solid.	
Form	Viscous.	
Color	Amber.	
Odor	Mercaptan	
Odor threshold	Not available.	
рН	Not available.	
Melting point/freezing point	Not available.	
Initial boiling point and boiling range	Not available.	
Flash point	200.0 °F (93.3 °C) estimated	
Evaporation rate	Not available.	
Flammability (solid, gas)	Not applicable.	
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.	
Vapor pressure	0.000002 hPa estimated	
Vapor density	Not available.	
Relative density	Not available.	
Solubility(ies)		
Solubility (water)	Negligible	
Partition coefficient (n-octanol/water)	Not available.	
Auto-ignition temperature	Not available.	
Decomposition temperature	Not available.	
Viscosity	Not available.	
Other information		
Density	2.71 g/cm3 estimated	
Explosive properties	Not explosive.	
Oxidizing properties	Not oxidizing.	
Specific gravity	2.71 estimated	
VOC	100 % Solids	
10. Stability and reactivity		
Poostivity	The product is stable and pen reactive under permal conditions of use, storage and transport	

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 oxidizing agents.
Hazardous decomposition products	No hazardous decomposition products are known.

11. Toxicological information

Information on likely routes of exposure

Inhalation Prolonged inhalation may be harmful. Skin contact Causes skin initiation. May cause an allergic skin reaction. Ingestion Expected to be a low ingestion hazard. Symptoms related to the physical, chemical and vision. Skin initiation. Symptoms may include stinging, tearing, redness, swelling, and blurned vision. Skin initiation. May cause redness and pain. May cause an allergic skin reaction. Detractistics Dermatilies. Resh. Information on toxicological effects Acute toxicity Not a respiratory sensitization Not a respiratory sensitization. Respiratory sensitization Not a respiratory sensitization Respiratory sensitization Not a respiratory sensitization Respiratory sensitization Not a respiratory sensitization Respiratory sensitization Not dat available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic. IARC Monographs. Overall Evaluation of Carcinogenicity to humans. IARC Monographs. Overall Evaluation of Carcinogenicity Crystalline silica (CAS 14008-60-7) 1 Carcinogenic to humans. Tartimum Dioxide (CAS 14008-60-7) Cancer GUS Sth A secolicital Program (NTP) Report on Carcinogenic to humans. Crystalline silica (CAS 14008-60-7) Cancer GUS S	Information on likely routes of e	xposure		
Eye contactCauses serious eye irritation.IngestionExpected to be a low ingestion hazard.Symptoms related to the physical, chemical and physical, chemical and physical, chemical and physical, chemical and toxicological characteristicsSevere eye virritation. May cause redness and pain. May cause an allergic skin reaction. Dermattils. Rash.Information on toxicological effectsCauses serious eye irritation. May cause serious eye irritation. Causes skin irritation. Causes skin irritation. Serious eye damage/eyeCauses serious eye irritation. Causes skin irritation. Causes skin irritation.Respiratory sensitization 	Inhalation	Prolonged inhalation may be harmful.		
IngestionExpected to be a low ingestion hazard.Sympts ch, chemical and toxicological characteristicsSevere eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin tritation. May cause an allergic skin reaction. Dermattils. Rash.Information on toxicological effectsCauses skin irritation. Causes skin irritation. Causes skin irritation.Skin corrosion/irritationCauses skin irritation. Causes skin irritation.Respiratory ensitizationCauses skin irritation. Causes skin irritation.Respiratory ensitizationNot a respiratory sensitizer. Not a respiratory sensitizer.Skin sensitizationMay cause an allergic skin reaction.Germ cell mutagenicityNo data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.CarcinogenicityNo data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.CarcinogenicityNo data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.CarcinogenicityNo data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.CarcinogenicityNo data available to not corrologenicity to humans.CarcinogenicityNo data available to indicate product or any components present at greater than 0.1% are mutagenicity for present (TP) Peptor on Carcinogenic to humans.CarcinogenicityNo data available to not concegenicityCrystalline silica (CAS 1480-80-7)Cancer CancerUs. National CAS 1480-80-7)Kanown To Be Human Carcino	Skin contact	Causes skin irritation. May cause an allergic skin reaction.		
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		product residues. This material and its container must be disposed of in a safe manner (see:		

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

DOT

Not regulated as dangerous goods.

ΙΑΤΑ

Not regulated as dangerous goods.

IMDG

Not regulated as dangerous goods.

Transport in bulk according to Not established. 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 1910.1001-1052)

Crystalline silica (CAS 14808-60-7)

Cancer lung effects immune system effects kidney effects

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 chemicals including 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

Catechol (CAS 120-80-9)
Crystalline silica (CAS 14808-60-7)
Titanium Dioxide (CAS 13463-67-7)

Listed: July 15, 2003 Listed: October 1, 1988 Listed: September 2, 2011

US. California. Candidate Chemicals List. Safer Consumer Products Regulations (Cal. Code Regs, tit. 22, 69502.3, subd. (a))

Crystalline silica (CAS 14808-60-7) Titanium Dioxide (CAS 13463-67-7)

International Inventories

Country(s) or region	Inventory name On	inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substances List (DSL)	No
Canada	Non-Domestic Substances List (NDSL)	Yes
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	Yes
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 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	04-17-2019
Version #	01
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.