SAFETY DATA SHEET

1. Identification

Product identifier	PhillyBond # 6 Hardener		
Other means of identification			
SKU#	DM012H		
Recommended use	Not available.		
Recommended restrictions	None known.		
Manufacturer/Importer/Supplier	/Distributor information		
Manufacturer			
Company name Address	ITW Performance Polymers 130 Commerce Drive Montgomeryville, PA 18936 United States		
Telephone	Customer Service	215-855-8450	
Website	www.itwperformancepolyme	ers.com	
E-mail	Not available.		
Contact person	EHS Department		
Emergency phone number	CHEMTREC International	800-424-9300 703-527-3887	
2. Hazard(s) identification	1		
Physical hazards	Not classified.		
Health hazards	Acute toxicity, oral		Category 4
	Acute toxicity, dermal		Category 4
	Skin corrosion/irritation		Category 2
	Serious eye damage/eye irri	tation	Category 2
	Sensitization, skin		Category 1
Environmental hazards	Hazardous to the aquatic en hazard	vironment, acute	Category 3
	Hazardous to the aquatic en long-term hazard	vironment,	Category 3

OSHA defined hazards

Label elements

Signal word	Warning
Hazard statement	Harmful if swallowed. Harmful in contact with skin. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. Harmful to aquatic life. Harmful to aquatic life with long lasting effects.
Precautionary statement	
Prevention	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. Avoid release to the environment. Wear eye protection/face protection. Wear protective gloves/protective clothing.
Response	If swallowed: Call a poison center/doctor if you feel unwell. Rinse mouth. 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.

Not classified.

Dispose of contents/container in accordance with local/regional/national/international regulations. None known.

26.97% of the mixture consists of component(s) of unknown acute inhalation toxicity. 91.29% of the mixture consists of component(s) of unknown acute hazards to the aquatic environment. 83.27% of the mixture consists of component(s) of unknown long-term hazards to the aquatic environment.

3. Composition/information on ingredients

Mixtures

Chemical name	Common name and synonyms	CAS number	%
Talc		14807-96-6	30 - 60
Formaldehyde, Oligomeric Reaction Products With Phenol And Triethylenetetramine	Formaldehyde, oligomeric reaction products with phenol and triethylenetetramine	Proprietary	10 - 30
Phenol		108-95-2	5 - 10
TRIETHYLENETETRAMINE	TETA	112-24-3	5 - 10
Silicon Dioxide	Silica, amorphous, fumed, crystfree	112945-52-5	1 - 5
CARBON BLACK		1333-86-4	0.1 - 1
Quartz		14808-60-7	0.1 - 1
Other components below reportable levels			1 - 5

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. Get medical advice/attention if you feel unwell. 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. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Get medical advice/attention if you feel unwell.
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 warm. 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. 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	Move containers from fire area if you can do so without risk.
Specific methods	Use standard firefighting procedures and consider the hazards of other involved materials.
General fire hazards	No unusual fire or explosion hazards noted.

6. Accidental release measures

6. Accidental release mea	asures
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	Prevent product from entering drains. 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 release to the environment. Inform appropriate managerial or supervisory personnel of all environmental releases. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground.
7. Handling and storage	
Precautions for safe handling	Do not taste or swallow. Avoid breathing dust/fume/gas/mist/vapors/spray. Avoid contact with eyes, skin, and clothing. When using, do not eat, drink or smoke. Provide adequate ventilation. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Avoid release to the environment. Wash contaminated clothing before reuse. Observe good industrial hygiene practices.
Conditions for safe storage, including any incompatibilities	Store in tightly closed container. Store away from incompatible materials (see Section 10 of the SDS).

8. Exposure controls/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.

US. OSHA Table Z-1 Permissible Exposure Limits (PEL) for Air Contaminants (29 CFR 1910.1000)

Components	Туре	Value	-
CARBON BLACK (CAS 1333-86-4)	PEL	3.5 mg/m3	
Phenol (CAS 108-95-2)	PEL	19 mg/m3	
		5 ppm	
Quartz (CAS 14808-60-7)	PEL	0.05 mg/m3	
US. OSHA Table Z-3 Permissible E	xposure Limits (PEL) for Min	eral Dusts (29 CFR 1910.1000))
Components	Туре	Value	Form
CARBON BLACK (CAS 1333-86-4)	TWA	5 mg/m3	Respirable fraction.
		15 mg/m3	Total dust.
		50 mppcf	Total dust.
		15 mppcf	Respirable fraction.
Quartz (CAS 14808-60-7)	TWA	0.1 mg/m3	Respirable.
		2.4 mppcf	Respirable.
Silicon Dioxide (CAS 112945-52-5)	TWA	0.8 mg/m3	
		20 mppcf	
Talc (CAS 14807-96-6)	TWA	0.1 mg/m3	Respirable.
		20 mppcf	
		2.4 mppcf	Respirable.

US. ACGIH Threshold Li Components	. ,	Туре			Value	Form
CARBON BLACK (CAS 1333-86-4)		TWA			3 mg/m3	Inhalable fraction.
Phenol (CAS 108-95-2)		TWA			5 ppm	
Quartz (CAS 14808-60-7)		TWA			0.025 mg/m3	Respirable fraction.
Talc (CAS 14807-96-6)		TWA			2 mg/m3	Respirable fraction.
NIOSH. Immediately Dan Components	igerous to Life or	Health Type			Value	
CARBON BLACK (CAS 1333-86-4)		IDLH			1750 mg/m3	
Phenol (CAS 108-95-2)		IDLH			1.8 %	
· · · ·					250 ppm	
Talc (CAS 14807-96-6)		IDLH			1000 mg/m3	
US. NIOSH: Pocket Guid	e to Chemical Haz	zards F	Recommended I	Exposure Limit	s (REL)	
Components		Туре		-	Value	Form
CARBON BLACK (CAS 1333-86-4)		TWA			0.1 mg/m3	
Phenol (CAS 108-95-2)		Ceilin	g		60 mg/m3	
					15.6 ppm	
		TWA			19 mg/m3	
					5 ppm	
Quartz (CAS 14808-60-7)		TWA			0.05 mg/m3	Respirable dust.
Silicon Dioxide (CAS 112945-52-5)		TWA			6 mg/m3	
Talc (CAS 14807-96-6)		TWA			2 mg/m3	Respirable.
US. OARS. Workplace E Components	nvironmental Exp	osure Type			Value	
TRIETHYLENETETRAMII E (CAS 112-24-3)	N	TWA			6 mg/m3	
_ (1 ppm	
ogical limit values						
ACGIH Biological Expos Components	Value		Determinant	Specimen		Time
Phenol (CAS 108-95-2)	250 mg/g		Phenol with hydrolysis	Creatinine urine	in *	
* - For sampling details, pl	ease see the sourc	e docu	iment.			
osure guidelines	Occupational	Expos	ure Limits are no	t relevant to the	e current physica	I form of the product.
US - California OELs: Sk	•					
Phenol (CAS 108-95- US - Minnesota Haz Sub	s: Skin designatio	on appl	lies	be absorbed thr	C C	
Phenol (CAS 108-95- US - Tennessee OELs: S	kin designation			designation app		
Phenol (CAS 108-95- US ACGIH Threshold Lir	nit Values: Skin d	esigna	tion	be absorbed thr	-	
Phenol (CAS 108-95- JS NIOSH Pocket Guide		arde: C		er of cutaneous	s absorption	
Phenol (CAS 108-95-		ə. ə	-	be absorbed thr	ough the skin	
	,		Carri			
	designation					
US WEEL Guides: Skin o TRIETHYLENETETR US. OSHA Table Z-1 Lim	AMINE (CAS 112-2			be absorbed thr 000)	ough the skin.	

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.
Respiratory protection Thermal hazards	In case of insufficient ventilation, wear suitable respiratory equipment. Wear appropriate thermal protective clothing, when necessary.
General hygiene considerations	Keep away from food and drink. 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	Paste.
Physical state	Not available.
Form	Paste.
Color	Black.
Odor	Ammoniacal.
Odor threshold	Not available.
рН	Not available.
Melting point/freezing point	Not available.
Initial boiling point and boiling range	>350 °F (>176.67 °C)
Flash point	277.0 °F (136.1 °C)
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	<1 mm Hg
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	14.33 lb/gal
Explosive properties	Not explosive.
Flammability class	Combustible IIIB estimated
Oxidizing properties	Not oxidizing.
Specific gravity	1.72
VOC	0 g/l

10. Stability and reactive	ity			
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	Acids. Strong oxidizing agents. Aluminum. Peroxides. Phenols.			
Hazardous decomposition products	No hazardous decomposition products are known.			
11. Toxicological inform	nation			
Information on likely routes o	f exposure			
Inhalation	No adverse effects due to inhalation are expected.			
Skin contact	Harmful in contact with skin. Causes skin irritation. May cause an allergic skin reaction.			
Eye contact	Causes serious eye irritation.			
Ingestion	Harmful if swallowed.			

IngestionHarmful if swallowed.Symptoms related to the
physical, chemical and
toxicological characteristicsSevere eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred
vision. Skin irritation. May cause redness and pain. May cause an allergic skin reaction.
Dermatitis. Rash.

Information on toxicological effects

Acute toxicity

Harmful in contact with skin. Harmful if swallowed.

Acute toxicity		nowed.		
Components	Species Test Results			
CARBON BLACK (CAS 1333-8	6-4)			
Acute				
Oral				
LD50	Rat	> 8000 mg/kg		
Phenol (CAS 108-95-2)				
Acute				
Dermal				
LD50	Rat	669 mg/kg		
Silicon Dioxide (CAS 112945-5	2-5)			
<u>Acute</u>				
Oral				
LD50	Rat	> 22500 mg/kg		
TRIETHYLENETETRAMINE (C	AS 112-24-3)			
<u>Acute</u>				
Dermal				
Liquid				
LD50	Rat	1465 mg/kg		
Oral				
Liquid				
LD50	Rat	1716 mg/kg		
Skin corrosion/irritation	Causes skin irritation.			
Serious eye damage/eye irritation	Causes serious eye irritation.			
Respiratory or skin sensitizat	ion			
Respiratory sensitization				
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 hun	Not classifiable as to carcinogenicity to humans.		

IARC Monographs. Overall I	Evaluation of Carcinogenicity				
CARBON BLACK (CAS 1333-86-4) Phenol (CAS 108-95-2) Quartz (CAS 14808-60-7) Silicon Dioxide (CAS 112945-52-5) Talc (CAS 14807-96-6)		 2B Possibly carcinogenic to humans. 3 Not classifiable as to carcinogenicity to humans. 1 Carcinogenic to humans. 3 Not classifiable as to carcinogenicity to humans. 2B Possibly carcinogenic to humans. 3 Not classifiable as to carcinogenicity to humans. 			
	d Substances (29 CFR 1910.1)	001-1053)			
Quartz (CAS 14808-60-7) Cancer					
	gram (NTP) Report on Carcin	-			
CARBON BLACK (CAS 1333-86-4) Quartz (CAS 14808-60-7)		Known To Be Human Carcinogen. Known To Be Human Carcinogen.			
Reproductive toxicity	This product is not expected to cause reproductive or developmental effects.				
Specific target organ toxicity - single exposure	Not classified.				
Specific target organ toxicity - repeated exposure	Not classified.				
Aspiration hazard	Not an aspiration hazard.				
12. Ecological information					
Ecotoxicity	Harmful to aquatic life with long lasting effects.				
Persistence and degradability	No data is available on the degradability of any ingredients in the mixture.				
Bioaccumulative potential					
Partition coefficient n-octanol / water (log Kow) Phenol 1.46					
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 considerations					
Disposal instructions	Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.				
Local disposal regulations	Dispose in accordance with al	l applicable regulations.			
Hazardous waste code	The waste code should be ass disposal company.	signed in discussion between the user, the producer and the waste			
Waste from residues / unused products		spose of in accordance with local regulations. Empty containers or liners may retain some oduct residues. This material and its container must be disposed of in a safe manner (see:			

 Contaminated packaging
 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 applicable. Not established. Annex II of MARPOL 73/78 and the JPC Code

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.

Phenol (CAS 10			mical: De minimis cor	ncentration		
	8-95-2)		% 1.0			
•	,	13 - Toxic Chei	mical: Listed substan	се		
Phenol (CAS 10	8-95-2)		Listed.			
Toxic Substances Cont	rol Act (TSCA)					
TSCA Section 12(b)	Export Notificat	ion (40 CFR 70	7, Subpt. D)			
Not regulated.	-					
CERCLA Hazardous Su	bstance List (40	CFR 302.4)				
Phenol (CAS 108-95-2)			Listed.			
SARA 304 Emergency release notification		on				
Phenol (CAS 108-95	,		1000 LBS			
OSHA Specifically Regu		s (29 CFR 1910	.1001-1053)			
Quartz (CAS 14808-	60-7)		Cancer lung effects immune system ef kidney effects	fects		
uperfund Amendments and		-	SARA)			
SARA 302 Extremely ha			-	-	-	
Chemical name	CAS number	Reportable quantity (pounds)	Threshold planning quantity (pounds)	Threshold planning quantity, lower value (pounds)	Threshold planning quantity, upper value (pounds)	
Phenol	108-95-2	1000		500	10000	
SARA 311/312 Hazardou chemical	u s Yes					
Classified hazard categories	Skin corros Serious eye	Acute toxicity (any route of exposure) Skin corrosion or irritation Serious eye damage or eye irritation Respiratory or skin sensitization				
SARA 313 (TRI reporting	g)					
Chemical name		C	AS number	% by wt.		
Phenol		1	08-95-2	5 - 10		
ther federal regulations						
Clean Air Act (CAA) Sec	ction 112 Hazardo	ous Air Pollutai	nts (HAPs) List			
Phenol (CAS 108-95	,	lental Release	Prevention (40 CFR 6	8.130)		
Clean Air Act (CAA) Sec			,			
(Υ.			
Clean Air Act (CAA) Sec			,			
Clean Air Act (CAA) Sec Not regulated. Safe Drinking Water Act (SDWA)	t Not regulate	ed.		lanufacturing Workpla	се	
Clean Air Act (CAA) Sec Not regulated. Safe Drinking Water Act (SDWA)	t Not regulate	ed.		lanufacturing Workpla	ce	
Clean Air Act (CAA) Sec Not regulated. Safe Drinking Water Act (SDWA) FEMA Priority Subs	t Not regulate	ed.	Safety in the Flavor N	lanufacturing Workpla	ce	
Clean Air Act (CAA) Sec Not regulated. Safe Drinking Water Act (SDWA) FEMA Priority Subs Phenol (CAS 10 S state regulations US. California. Candidat	t Not regulate stances Respirato 8-95-2)	ed. ory Health and a	Safety in the Flavor N Low priority			
Clean Air Act (CAA) Sec Not regulated. Safe Drinking Water Act (SDWA) FEMA Priority Subs Phenol (CAS 10 S state regulations	t Not regulate stances Respirate 8-95-2) te Chemicals Lise AS 1333-86-4) -2) 60-7)	ed. ory Health and a	Safety in the Flavor N Low priority			
Clean Air Act (CAA) Sec Not regulated. Safe Drinking Water Act (SDWA) FEMA Priority Subs Phenol (CAS 10 S state regulations US. California. Candidat (a)) CARBON BLACK (C Phenol (CAS 108-95 Quartz (CAS 14808-1	t Not regulate stances Respirate 8-95-2) te Chemicals Lise AS 1333-86-4) -2) 60-7) -6)	ed. ory Health and a	Safety in the Flavor N Low priority			
Clean Air Act (CAA) Sec Not regulated. Safe Drinking Water Act (SDWA) FEMA Priority Subs Phenol (CAS 10 S state regulations US. California. Candidat (a)) CARBON BLACK (C Phenol (CAS 108-95 Quartz (CAS 14808-1 Talc (CAS 14807-96) California Proposition 6	t Not regulate stances Respirate 8-95-2) te Chemicals Lise AS 1333-86-4) -2) 60-7) -6) 55 This product car	ed. ory Health and s t. Safer Consur	Safety in the Flavor M Low priority ner Products Regulat	ions (Cal. Code Regs, alc, which is known to th	tit. 22, 69502.3, subd.	
Clean Air Act (CAA) Sec Not regulated. Safe Drinking Water Act (SDWA) FEMA Priority Subs Phenol (CAS 10 S state regulations US. California. Candidat (a)) CARBON BLACK (C Phenol (CAS 108-95 Quartz (CAS 14808-1 Talc (CAS 14807-96) California Proposition 6 WARNING:	t Not regulate stances Respirate 8-95-2) te Chemicals Lise AS 1333-86-4) -2) 60-7) -6) 55 This product car to cause cancer	ed. ory Health and a t. Safer Consur h expose you to . For more inform	Safety in the Flavor M Low priority ner Products Regulat chemicals including Ta mation go to www.P65\	ions (Cal. Code Regs, alc, which is known to th	tit. 22, 69502.3, subd.	
Clean Air Act (CAA) Sec Not regulated. Safe Drinking Water Act (SDWA) FEMA Priority Subs Phenol (CAS 10 S state regulations US. California. Candidat (a)) CARBON BLACK (C Phenol (CAS 108-95 Quartz (CAS 14808-1 Talc (CAS 14807-96) California Proposition 6 WARNING: California Propositi	t Not regulate stances Respirate 8-95-2) te Chemicals Lise AS 1333-86-4) -2) 60-7) -6) 55 This product car to cause cancer	ed. ory Health and a t. Safer Consur n expose you to . For more inform ted date/Carcin	Safety in the Flavor M Low priority ner Products Regulat chemicals including Ta mation go to www.P65\	ions (Cal. Code Regs, alc, which is known to th Warnings.ca.gov.	tit. 22, 69502.3, subd.	

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)	No
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	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	07-07-2013
Revision date	07-27-2023
Version #	11
HMIS® ratings	Health: 3 Flammability: 1 Physical hazard: 1
NFPA ratings	Health: 3 Flammability: 1 Instability: 1
Disclaimer	ITW Performance Polymers cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release.
Revision information	Physical & Chemical Properties: Multiple Properties