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/Supplie	r/Distributor information	
Manufacturer		
Company name	ITW Performance Polymers	
Address	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	800-424-9300
	International	703-527-3887
2. Hazard(s) identificatio	n	
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 irritation	Category 2
	Sensitization, skin	Category 1
Environmental hazards	Hazardous to the aquatic environment, acute hazard	Category 3
	Hazardous to the aquatic environment, long-term hazard	Category 3
OSHA defined hazards	Not classified.	
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	Store away from incompatible materials.	

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

34.99% 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	sures
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	Prevent product from entering drains.
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 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 Limits 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 (29 CFR 1910	0.1000)		
Components	Туре	Value	Form
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 Limit Value	S		
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.

US. NIOSH: Pocket Guide to Chemical Hazards

Components		Гуре		Value	Form
CARBON BLACK (CAS 1333-86-4)	-	ΓWA		0.1 mg/m3	
Phenol (CAS 108-95-2)	(Ceiling		60 mg/m3	
				15.6 ppm	
	-	ΓWA		19 mg/m3	
			:	5 ppm	
Quartz (CAS 14808-60-7)	-	ΓWA		0.05 mg/m3	Respirable dust.
Silicon Dioxide (CAS 112945-52-5)	-	ΓWA		6 mg/m3	
Talc (CAS 14807-96-6)	-	ΓWA	:	2 mg/m3	Respirable.
US. Workplace Environmer Components		vel (WEEL) Guides Гуре	,	Value	
TRIETHYLENETETRAMIN		ſWA		6 mg/m3	
E (CAS 112-24-3)				eg,e	
				1 ppm	
ological limit values					
ACGIH Biological Exposure	e Indices				
Components	Value	Determinant	Specimen	Sampling	Time
Phenol (CAS 108-95-2) 2	250 mg/g	Phenol with hydrolysis	Creatinine urine	in *	
* - For sampling details, pleas	se see the source	document.			
posure guidelines	Occupational E	xposure Limits are r	not relevant to the	current physica	al form of the product.
US - California OELs: Skin	designation				
Phenol (CAS 108-95-2)			h be absorbed thr	ough the skin.	
US - Minnesota Haz Subs: S	Skin designation	• •			
Phenol (CAS 108-95-2) US - Tennessee OELs: Skir	designation		n designation app		
Phenol (CAS 108-95-2) US ACGIH Threshold Limit	Values: Skin des		h be absorbed thr	ough the skin.	
Phenol (CAS 108-95-2) US NIOSH Pocket Guide to	Chemical Hazar		n be absorbed thr n	ough the skin.	
Phenol (CAS 108-95-2) US WEEL Guides: Skin des	ignation	Car	h be absorbed thr	ough the skin.	
TRIETHYLENETETRAM US. OSHA Table Z-1 Limits	•	,	n be absorbed thr .1000)	ough the skin.	
Phenol (CAS 108-95-2)		Car	h be absorbed thr	ough the skin.	
propriate engineering ntrols	applicable, use maintain airbor	process enclosures ne levels below reco	, local exhaust ve mmended expos	entilation, or oth ure limits. If exp	e matched to conditions. If er engineering controls to posure limits have not been e eyewash station and safety
lividual protection measures Eye/face protection	-	al protective equip asses with side shiel		ace shield is re	ecommended.
Skin protection Hand protection	Wear appropria	te chemical resistar	t gloves.		
Other			•	an impervious	apron is recommended.
		ficient ventilation, we	-	-	
Respiratory protection Thermal hazards		ate thermal protective	•		
		-	-	-	
neral hygiene nsiderations	washing after h work clothing a	andling the material	and before eating nent to remove co	g, drinking, and	iene measures, such as /or smoking. Routinely was ontaminated work clothing

9. Physical and chemical properties

9. Physical and chemical	properties
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	
Flammability limit - lower (%)	Not available.
Flammability limit - upper (%)	Not available.
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 reactivity	

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	Avoid temperatures exceeding the decomposition temperature. Contact with incompatible materials.
Incompatible materials	Acids. Strong oxidizing agents. Aluminum. Peroxides. Phenols.
Hazardous decomposition products	No hazardous decomposition products are known.

11. Toxicological information

Information on likely routes of exposure Inhalation No adverse effects due to inhalation are expected. Skin contact Harmful in contact with skin. Causes skin irritation. May cause an allergic skin reaction. Eye contact Causes serious eye irritation. Harmful if swallowed. Ingestion Symptoms related to the 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. physical, chemical and toxicological characteristics Dermatitis. Rash. Information on toxicological effects Harmful in contact with skin. Harmful if swallowed. Acute toxicity Components Species **Test Results** 04 DD 011 DL 4014 (040 4000 00

CARBON BLACK (CAS 1333-86-	4)	
Acute		
Oral		
LD50	Rat	> 8000 mg/kg
Phenol (CAS 108-95-2)		
Acute		
Dermal		
LD50	Rat	669 mg/kg
Silicon Dioxide (CAS 112945-52-	5)	
Acute		
Oral		
LD50	Rat	> 22500 mg/kg
TRIETHYLENETETRAMINE (CA	S 112-24-3)	
Acute		
Dermal		
Liquid		
LD50	Rat	1465 mg/kg
Oral		
Liquid		
LD50	Rat	1716 mg/kg
LD50 Skin corrosion/irritation	Rat Causes skin irritation.	1716 mg/kg
		1716 mg/kg
Skin corrosion/irritation Serious eye damage/eye	Causes skin irritation. Causes serious eye irritation.	1716 mg/kg
Skin corrosion/irritation Serious eye damage/eye irritation	Causes skin irritation. Causes serious eye irritation.	1716 mg/kg
Skin corrosion/irritation Serious eye damage/eye irritation Respiratory or skin sensitizatio	Causes skin irritation. Causes serious eye irritation.	
Skin corrosion/irritation Serious eye damage/eye irritation Respiratory or skin sensitizatio Respiratory sensitization	Causes skin irritation. Causes serious eye irritation. n Not a respiratory sensitizer. May cause an allergic skin rea	
Skin corrosion/irritation Serious eye damage/eye irritation Respiratory or skin sensitizatio Respiratory sensitization Skin sensitization	Causes skin irritation. Causes serious eye irritation. n Not a respiratory sensitizer. May cause an allergic skin rea No data available to indicate p	action. broduct or any components present at greater than 0.1% are
Skin corrosion/irritation Serious eye damage/eye irritation Respiratory or skin sensitization Respiratory sensitization Skin sensitization Germ cell mutagenicity Carcinogenicity	Causes skin irritation. Causes serious eye irritation. Not a respiratory sensitizer. May cause an allergic skin rea No data available to indicate p mutagenic or genotoxic.	action. broduct or any components present at greater than 0.1% are
Skin corrosion/irritation Serious eye damage/eye irritation Respiratory or skin sensitization Skin sensitization Germ cell mutagenicity Carcinogenicity IARC Monographs. Overall CARBON BLACK (CAS	Causes skin irritation. Causes serious eye irritation. Not a respiratory sensitizer. May cause an allergic skin rea No data available to indicate p mutagenic or genotoxic. Not classifiable as to carcinog Evaluation of Carcinogenicity	action. product or any components present at greater than 0.1% are enicity to humans. 2B Possibly carcinogenic to humans.
Skin corrosion/irritation Serious eye damage/eye irritation Respiratory or skin sensitization Skin sensitization Germ cell mutagenicity Carcinogenicity IARC Monographs. Overall CARBON BLACK (CAS Phenol (CAS 108-95-2)	Causes skin irritation. Causes serious eye irritation. Not a respiratory sensitizer. May cause an allergic skin rea No data available to indicate p mutagenic or genotoxic. Not classifiable as to carcinog Evaluation of Carcinogenicity 1333-86-4)	action. product or any components present at greater than 0.1% are enicity to humans. 2B Possibly carcinogenic to humans. 3 Not classifiable as to carcinogenicity to humans.
Skin corrosion/irritation Serious eye damage/eye irritation Respiratory or skin sensitization Skin sensitization Germ cell mutagenicity Carcinogenicity IARC Monographs. Overall CARBON BLACK (CAS Phenol (CAS 108-95-2) Quartz (CAS 14808-60-7	Causes skin irritation. Causes serious eye irritation. Not a respiratory sensitizer. May cause an allergic skin rea No data available to indicate p mutagenic or genotoxic. Not classifiable as to carcinog Evaluation of Carcinogenicity 1333-86-4)	action. product or any components present at greater than 0.1% are enicity to humans. 2B Possibly carcinogenic to humans. 3 Not classifiable as to carcinogenicity to humans. 1 Carcinogenic to humans.
Skin corrosion/irritation Serious eye damage/eye irritation Respiratory or skin sensitization Skin sensitization Germ cell mutagenicity Carcinogenicity IARC Monographs. Overall CARBON BLACK (CAS Phenol (CAS 108-95-2) Quartz (CAS 14808-60-7 Silicon Dioxide (CAS 112	Causes skin irritation. Causes serious eye irritation. Not a respiratory sensitizer. May cause an allergic skin rea No data available to indicate p mutagenic or genotoxic. Not classifiable as to carcinog Evaluation of Carcinogenicity 1333-86-4)	action. product or any components present at greater than 0.1% are enicity to humans. 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. 3 Not classifiable as to carcinogenicity to humans.
Skin corrosion/irritation Serious eye damage/eye irritation Respiratory or skin sensitization Skin sensitization Germ cell mutagenicity Carcinogenicity IARC Monographs. Overall CARBON BLACK (CAS Phenol (CAS 108-95-2) Quartz (CAS 14808-60-7 Silicon Dioxide (CAS 112 Talc (CAS 14807-96-6)	Causes skin irritation. Causes serious eye irritation. Not a respiratory sensitizer. May cause an allergic skin rea No data available to indicate p mutagenic or genotoxic. Not classifiable as to carcinog Evaluation of Carcinogenicity 1333-86-4) 7) 2945-52-5)	action. product or any components present at greater than 0.1% are enicity to humans. 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. 2B Possibly carcinogenic to humans. 3 Not classifiable as to carcinogenicity to humans. 3 Not classifiable as to carcinogenicity to humans.
Skin corrosion/irritation Serious eye damage/eye irritation Respiratory or skin sensitization Skin sensitization Germ cell mutagenicity Carcinogenicity IARC Monographs. Overall CARBON BLACK (CAS Phenol (CAS 108-95-2) Quartz (CAS 14808-60-7 Silicon Dioxide (CAS 112 Talc (CAS 14807-96-6) OSHA Specifically Regulated	Causes skin irritation. Causes serious eye irritation. Not a respiratory sensitizer. May cause an allergic skin rea No data available to indicate p mutagenic or genotoxic. Not classifiable as to carcinog Evaluation of Carcinogenicity 1333-86-4) 7) 2945-52-5) ed Substances (29 CFR 1910.10	action. product or any components present at greater than 0.1% are enicity to humans. 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. 2B Possibly carcinogenic to humans. 3 Not classifiable as to carcinogenicity to humans. 3 Not classifiable as to carcinogenicity to humans.
Skin corrosion/irritation Serious eye damage/eye irritation Respiratory or skin sensitization Skin sensitization Germ cell mutagenicity Carcinogenicity IARC Monographs. Overall CARBON BLACK (CAS Phenol (CAS 108-95-2) Quartz (CAS 14808-60-7 Silicon Dioxide (CAS 112 Talc (CAS 14807-96-6) OSHA Specifically Regulate Quartz (CAS 14808-60-7	Causes skin irritation. Causes serious eye irritation. Not a respiratory sensitizer. May cause an allergic skin rea No data available to indicate p mutagenic or genotoxic. Not classifiable as to carcinog Evaluation of Carcinogenicity 1333-86-4) 7) 2945-52-5) ed Substances (29 CFR 1910.10	action. product or any components present at greater than 0.1% are enicity to humans. 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. 2B Possibly carcinogenic to humans. 3 Not classifiable as to carcinogenicity to humans.

Known To Be Human Carcinogen.

Known To Be Human Carcinogen.

CARBON BLACK (CAS 1333-86-4)

Quartz (CAS 14808-60-7)

Reproductive toxicity	This product is not expected to cause reproductive or developmental effects.
Specific target organ toxicity - single exposure	Not classified.
Specific target organ toxicity - repeated exposure	Not classified.
Aspiration hazard	Not an aspiration hazard.
12. Ecological information	n la
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-octan Phenol	ol / water (log Kow) 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 consideration	ns
Disposal instructions	Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Incinerate the material under controlled conditions in an approved incinerator. 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 all applicable regulations.
Hazardous waste code	D002: Waste Corrosive material [pH <=2 or $=>12.5$, or corrosive to steel] 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 g	oods.
ΙΑΤΑ	
Not regulated as dangerous g	oods.
IMDG	
Not regulated as dangerous g	oods.
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not applicable. Not established.
15. Regulatory information	n
US federal regulations	This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.
US EPCRA (SARA Title	III) Section 313 - Toxic Chemical: De minimis concentration
Phenol (CAS 108-95	
-	III) Section 313 - Toxic Chemical: Listed substance
Phenol (CAS 108-95	
Toxic Substances Control A	
TSCA Section 12(b) Exp Not regulated.	oort Notification (40 CFR 707, Subpt. D)
OFFICIAL United States	

Listed.

CERCLA Hazardous Substance List (40 CFR 302.4)

Phenol (CAS 108-95-2)	
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PHENOL (CAS 108-95-2)

1000 LBS

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)

Quartz (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

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 Hazardo chemical	ous Yes				
Classified hazard categories	Skin corros Serious ey	Acute toxicity (any route of exposure) Skin corrosion or irritation Serious eye damage or eye irritation Respiratory or skin sensitization			
SARA 313 (TRI reportin Chemical name	ng)	C	AS number	9/ by wet	
Phenol		_	08-95-2	% by wt. 5 - 10	
		I	06-95-2	5-10	
er federal regulations Clean Air Act (CAA) So	action 112 Honord				
Phenol (CAS 108-9 Clean Air Act (CAA) So Clean Air Act (CAA) So	5-2)			8 130)	
Not regulated.					
Safe Drinking Water A (SDWA)	ct Not regulat	ed.			
	ostances Respirat	ory Health and	Safety in the Flavor M	anufacturing Workpla	ice
Phenol (CAS 1	-	,	Low priority	5 1	
state regulations	,				
California Proposition	65				
				uartz, which is known to www.P65Warnings.ca.	
California Proposi	tion 65 - CRT: Lis	ted date/Carcin	ogenic substance		
-	CK (CAS 1333-86-		Listed: February 2	1, 2003	
Quartz (CAS 1			Listed: October 1,		
US. California. Ca subd. (a))	ndidate Chemicals	s List. Safer Co	nsumer Products Rec	gulations (Cal. Code R	egs, tit. 22, 69502.3,
	4808-60-7)	4)			
rnational Inventories					
Country(s) or region	Inventory	name			On inventory (yes/no)*
Australia		-	mical Substances (AIC	S)	No
Canada		Substances List (No
A	Non-Dome	stic Substances	List (NDSL)		No
Canada		Inventory of Existing Chemical Substances in China (IECSC)		N/	
Canada China	Inventory o	f Existing Chemi	cal Substances in Chir	()	Yes
	European I	-	cal Substances in Chir ing Commercial Chem		
China	European I Substance	nventory of Exists s (EINECS)		nical	Yes No No

Country(s) or region	Inventory name On inve	ntory (yes/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
United States & Puerto Rico		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	12-28-2021
Version #	08
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	This document has undergone significant changes and should be reviewed in its entirety.