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 informationCompany nameITW Performance PolymersAddress35 Brownridge Road

Unit 1

Halton Hills, ON L7G 0C6

Contact personCustomer ServiceTelephone number215-855-8450Fax number215-855-4688

Emergency Number 800-424-9300 (CHEMTREC)

Supplier Not available.

2. Hazard identification

Physical hazards Not classified.

Health hazards Acute toxicity, oral Category 4

Acute toxicity, dermal

Skin corrosion/irritation

Category 2

Serious eye damage/eye irritation

Category 2

Sensitization, skin

Category 1

Hazardous to the aquatic environment, acute

Category 3

hazard

Hazardous to the aquatic environment, Category 3

long-term hazard

Label elements

Environmental hazards



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/vapours/spray. Wash thoroughly after handling. Do not eat,

drink or smoke when using this product. Contaminated work clothing should 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 CENTRE/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.

Disposal Dispose of contents/container in accordance with local/regional/national/international regulations.

Other hazards

None known.

Supplemental information

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
Silica, amorphous, fumed	Silica, amorphous, fumed, crystfree	112945-52-5	1 - 5
Carbon Black		1333-86-4	0.1 - 1
SILICA, CRYSTALLINE, QUARTZ		14808-60-7	0.1 - 1
Other components below reportable	levels		1 - 5

All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

4. First-aid measures

Inhalation

Move to fresh air. Call a physician if symptoms develop or persist.

Skin contact

Remove contaminated clothing immediately and wash skin with soap and water. 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.

Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred

Eye contact

Ingestion

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.

vision. Skin irritation. May cause redness and pain. May cause an allergic skin reaction. Dermatitis.

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

and

Rash.

delayed Indication of immediate medical attention and special

Provide general supportive measures and treat symptomatically. Keep victim warm. Keep victim under observation. Symptoms may be delayed.

treatment needed
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
General fire hazards

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. 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.

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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.

Environmental precautions

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

Components	s Type	Value	Form
CARBON BLACK (CAS 1333-86-4)	TWA	3 mg/m3	Inhalable fraction.
PHENOL (CAS 108-95-2)	TWA	5 ppm	
SILICA, CRYSTALLINE, QUARTZ (CAS 14808-60-7)	TWA	0.025 mg/m3	Respirable fraction.
Talc (CAS 14807-96-6)	TWA	2 mg/m3	Respirable fraction.
Canada. Alberta OELs (Occupatio	nal Health & Safety Code, Sci	hedule 1, Table 2)	
Components	Туре	Value	Form
CARBON BLACK (CAS 1333-86-4)	TWA	3.5 mg/m3	
PHENOL (CAS 108-95-2)	TWA	19 mg/m3	
		5 ppm	
SILICA, CRYSTALLINE, QUARTZ (CAS 14808-60-7)	TWA	0.025 mg/m3	Respirable particles
Tala (CAS 14907 06 6)	TWA	2 mg/m3	Respirable particles
Tail (UAS 14007-90-0)	1 4 4 7	2 mg/ms	rtoophable particles
Canada. British Columbia OELs. (Occupational Exposure Limit	-	•
Canada. British Columbia OELs. (Safety Regulation 296/97, as amer	Occupational Exposure Limit	-	•
Canada. British Columbia OELs. (Safety Regulation 296/97, as amer Components CARBON BLACK (CAS	Occupational Exposure Limit	s for Chemical Substances, Oc	cupational Health and
Canada. British Columbia OELs. (Safety Regulation 296/97, as amer Components CARBON BLACK (CAS 1333-86-4)	Occupational Exposure Limit nded) Type	s for Chemical Substances, Oc Value	cupational Health and
Canada. British Columbia OELs. (Cafety Regulation 296/97, as amer Components CARBON BLACK (CAS 1333-86-4) PHENOL (CAS 108-95-2) SILICA, CRYSTALLINE,	Occupational Exposure Limit nded) Type TWA	s for Chemical Substances, Oc Value 3 mg/m3	cupational Health and
Talc (CAS 14807-96-6) Canada. British Columbia OELs. (Casfety Regulation 296/97, as amer Components CARBON BLACK (CAS 1333-86-4) PHENOL (CAS 108-95-2) SILICA, CRYSTALLINE, QUARTZ (CAS 14808-60-7) Talc (CAS 14807-96-6)	Occupational Exposure Limit nded) Type TWA TWA	value 3 mg/m3 5 ppm	Form Inhalable
Canada. British Columbia OELs. (Cafety Regulation 296/97, as amer Components CARBON BLACK (CAS 1333-86-4) PHENOL (CAS 108-95-2) SILICA, CRYSTALLINE, QUARTZ (CAS 14808-60-7) Talc (CAS 14807-96-6)	Occupational Exposure Limit nded) Type TWA TWA TWA TWA TWA	Value 3 mg/m3 5 ppm 0.025 mg/m3 2 mg/m3	Form Inhalable Respirable fraction.
Canada. British Columbia OELs. (Casafety Regulation 296/97, as amer Components CARBON BLACK (CAS 1333-86-4) PHENOL (CAS 108-95-2) SILICA, CRYSTALLINE, QUARTZ (CAS 14808-60-7) Talc (CAS 14807-96-6) Canada. Manitoba OELs (Reg. 217	Occupational Exposure Limit nded) Type TWA TWA TWA TWA TWA	Value 3 mg/m3 5 ppm 0.025 mg/m3 2 mg/m3	Form Inhalable Respirable fraction.
Canada. British Columbia OELs. (Cafety Regulation 296/97, as amer Components CARBON BLACK (CAS 1333-86-4) PHENOL (CAS 108-95-2) SILICA, CRYSTALLINE, QUARTZ (CAS 14808-60-7) Talc (CAS 14807-96-6) Canada. Manitoba OELs (Reg. 217 Components CARBON BLACK (CAS	Occupational Exposure Limit nded) Type TWA TWA TWA TWA TWA TWA	Value 3 mg/m3 5 ppm 0.025 mg/m3 2 mg/m3 And Health Act)	Form Inhalable Respirable fraction. Respirable.
Canada. British Columbia OELs. (Casafety Regulation 296/97, as amer Components CARBON BLACK (CAS 1333-86-4) PHENOL (CAS 108-95-2) SILICA, CRYSTALLINE, QUARTZ (CAS 14808-60-7)	Occupational Exposure Limit nded) Type TWA TWA TWA TWA TWA TWA TWA TWA TWA TYPE	s for Chemical Substances, October Value 3 mg/m3 5 ppm 0.025 mg/m3 2 mg/m3 And Health Act) Value	Form Inhalable Respirable fraction. Respirable. Form

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Components		Type		•	Value	Form
Talc (CAS 14807-96-6)		TWA		:	2 mg/m3	Respirable fraction.
Canada. Ontario OELs. (C Components	Control of Exposu	re to Biol Type	ogical or Che	•) Value	Form
CARBON BLACK (CAS 1333-86-4)		TWA		;	3 mg/m3	Inhalable fraction.
PHENOL (CAS 108-95-2)		TWA		!	5 ppm	
SILICA, CRYSTALLINE, QUARTZ (CAS 14808-60-7	')	TWA		(0.1 mg/m3	Respirable fraction.
Talc (CAS 14807-96-6)		TWA		:	2 fibers/cc	
				:	2 mg/m3	Respirable fraction.
TRIETHYLENETETRAMIN E (CAS 112-24-3)		TWA			3 mg/m3	
				(0.5 ppm	
Canada. Quebec OELs. (M Components	Ministry of Labor	- Regulati Type	on respecting	•	l health and saf Value	fety) Form
CARBON BLACK (CAS 1333-86-4)		TWA		;	3.5 mg/m3	
PHENOL (CAS 108-95-2)		TWA			19 mg/m3	
				!	5 ppm	
SILICA, CRYSTALLINE, QUARTZ (CAS 14808-60-7	')	TWA		(0.1 mg/m3	Respirable dust.
Talc (CAS 14807-96-6)		TWA		;	3 mg/m3	Respirable dust.
Canada. Saskatchewan O Components	ELs (Occupation	al Health Type	and Safety Re	_	96, Table 21) Value	Form
CARBON BLACK (CAS 1333-86-4)		15 minute)	•	7 mg/m3	
		8 hour		;	3.5 mg/m3	
PHENOL (CAS 108-95-2)		15 minute)	•	7.5 ppm	
		8 hour		;	5 ppm	
Talc (CAS 14807-96-6)		15 minute)	(6 mg/m3	Respirable fraction.
					20 mg/m3	Inhalable fraction.
		8 hour		:	2 mg/m3	Respirable fraction.
ogical limit values						
ACGIH Biological Exposu Components	ıre Indices Value	De	eterminant	Specimen	Sampling 1	Гіте
PHENOL (CAS 108-95-2)	250 mg/g		enol with drolysis	Creatinine urine	in *	
* - For sampling details, ple	ease see the source	-	-			
osure guidelines	Occupational	Exposure	Limits are not	relevant to the	current physical	form of the product.
Canada - Alberta OELs: S	•					
Phenol (CAS 108-95-2 Canada - British Columbi	a OELs: Skin des	ignation		e absorbed thr	_	
Phenol (CAS 108-95-2 Canada - Manitoba OELs:	Skin designation	า	Can b	e absorbed thr	ough the skin.	
Phenol (CAS 108-95-2 Canada - Ontario OELs: S	,		Can b	e absorbed thr	ough the skin.	
Phenol (CAS 108-95-2 TRIETHYLENETETRA	MINE (CAS 112-2	24-3)		e absorbed thr e absorbed thr		
Canada - Quebec OELs: \$ Phenol (CAS 108-95-2	_		Can be	e absorbed thr	ough the skin.	
1 Horior (0/10 100 30-2)			300		J	

Canada - Saskatchewan OELs: Skin designation

Phenol (CAS 108-95-2) Can be absorbed through the skin.

US ACGIH Threshold Limit Values: Skin designation

Phenol (CAS 108-95-2) Can be absorbed through 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, 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 In case of insufficient ventilation, wear suitable respiratory equipment.

Thermal hazards 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

Appearance Paste.

Physical stateNot available.FormPaste.ColourBlack.

Odour Ammoniacal.
Odour threshold Not available.
pH Not available.
Melting point/freezing point Not available.

Initial boiling point and boiling

range

> 176.67 °C (> 350 °F)

Flash point 136.1 °C (277.0 °F)

Evaporation rate Not available.
Flammability (solid, gas) Not available.
Upper/lower flammability or explosive limits

Flammability limit - lower

(%)

Not available.

Flammability limit - upper

(%)

Not available.

Explosive limit - lower (%) Not available.

Explosive limit – upper

(%)

Not available.

Vapour pressure< 1 mm Hg</th>Vapour densityNot available.Relative densityNot available.

Solubility(ies)

Solubility (water) Not available.

Partition coefficient Not available.

(n-octanol/water)

Auto-ignition temperature Not available.

Decomposition temperature Not available.

Viscosity Not available.

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Other information

Density 14.33 lb/gal **Explosive properties** Not explosive.

Flammability class Combustible IIIB estimated

Oxidising properties Not oxidising.

Specific gravity 1.72 VOC 0 g/l

10. Stability and reactivity

ReactivityThe 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 oxidising agents. Aluminium. 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.

Ingestion Harmful if swallowed.

Symptoms related to the physical, chemical and toxicological characteristics

Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. May cause redness and pain. May cause an allergic skin reaction.

Dermatitis, Rash.

Information on toxicological effects

Acute toxicity Harmful in contact with skin. Harmful if swallowed.

Components Species Test Results

Carbon Black (CAS 1333-86-4)

<u>Acute</u>

Oral

LD50 Rat > 8000 mg/kg

Silica, amorphous, fumed (CAS 112945-52-5)

Acute

Oral

LD50 Rat > 22500 mg/kg

TRIETHYLENETETRAMINE (CAS 112-24-3)

Acute 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 sensitisation

Respiratory sensitisation Not a respiratory sensitizer.

Skin sensitisation May cause an allergic skin reaction.

Germ cell mutagenicity No data available to indicate product or any components present at greater than 0.1% are

mutagenic or genotoxic.

Carcinogenicity

ACGIH Carcinogens

Carbon Black (CAS 1333-86-4) A3 Confirmed animal carcinogen with unknown relevance to

humans.

Phenol (CAS 108-95-2) A4 Not classifiable as a human carcinogen.

SILICA, CRYSTALLINE, QUARTZ (CAS 14808-60-7) A2 Suspected human carcinogen. A4 Not classifiable as a human carcinogen.

Talc (CAS 14807-96-6)

Canada - Alberta OELs: Carcinogen category

Canada - Manitoba OELs: carcinogenicity

Carbon Black (CAS 1333-86-4) Confirmed animal carcinogen with unknown relevance to humans.

Phenol (CAS 108-95-2) Not classifiable as a human carcinogen.

SILICA, CRYSTALLINE, QUARTZ (CAS 14808-60-7) Suspected human carcinogen.

Not classifiable as a human carcinogen. Talc (CAS 14807-96-6)

Canada - Quebec OELs: Carcinogen category

SILICA, CRYSTALLINE, QUARTZ (CAS 14808-60-7) Suspected carcinogenic effect in humans.

IARC Monographs. Overall Evaluation of Carcinogenicity

SILICA, CRYSTALLINE, QUARTZ (CAS 14808-60-7)

Carbon Black (CAS 1333-86-4) 2B Possibly carcinogenic to humans.

Phenol (CAS 108-95-2) 3 Not classifiable as to carcinogenicity to humans. Silica, amorphous, fumed (CAS 112945-52-5) 3 Not classifiable as to carcinogenicity to humans.

SILICA, CRYSTALLINE, QUARTZ (CAS 14808-60-7) 1 Carcinogenic to humans.

Talc (CAS 14807-96-6) 2B Possibly carcinogenic to humans.

3 Not classifiable as to carcinogenicity to humans.

Suspected human carcinogen.

US. National Toxicology Program (NTP) Report on Carcinogens

Carbon Black (CAS 1333-86-4) Known To Be Human Carcinogen. SILICA, CRYSTALLINE, QUARTZ (CAS 14808-60-7) Known To Be Human Carcinogen.

This product is not expected to cause reproductive or developmental effects. Reproductive toxicity

Specific target organ toxicity -Not classified.

single exposure

Specific target organ toxicity -

Not classified. repeated exposure

Aspiration hazard Not an aspiration hazard.

12. Ecological information

Ecotoxicity Harmful to aquatic life with long lasting effects.

No data is available on the degradability of any ingredients in the mixture. Persistence and degradability

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.

Dispose in accordance with all applicable regulations. Local disposal 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).

Since emptied containers may retain product residue, follow label warnings even after container is Contaminated packaging

emptied. Empty containers should be taken to an approved waste handling site for recycling or

disposal.

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14. Transport information

TDG

Not regulated as dangerous goods.

IATA

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 IBC Code

15. Regulatory information

Canadian regulations

This product has been classified in accordance with the hazard criteria of the HPR and the SDS contains all the information required by the HPR.

Controlled Drugs and Substances Act

Not regulated.

Export Control List (CEPA 1999, Schedule 3)

Not listed.

Greenhouse Gases

Not listed.

Ontario. Toxic Substances. Toxic Reduction Act, 2009. Regulation 455/09 (July 1, 2011)

Phenol (CAS 108-95-2)

Precursor Control Regulations

Not regulated.

International regulations

Stockholm Convention

Not applicable.

Rotterdam Convention

Not applicable.

Kyoto Protocol

Not applicable.

Montreal Protocol

Not applicable.

Basel Convention

Not applicable.

International Inventories

Country(s) or region

Australia	Australian Inventory of Chemical Substances (AICS)	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)

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Inventory name

On inventory (yes/no)*

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

Issue date06-April-2019Revision date28-December-2021

Version No. 04

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 informationThis document has undergone significant changes and should be reviewed in its entirety.

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