

## A Safety Data Sheet is not legally required for this product under the OSHA Hazard Communication Standard (29 CFR 1910.1200). The following information is provided as a courtesy service to our customers.

SECTION 1: IDENTIFICATION	
Product identifier	
Trade name:	POLYETHYLENE FOAM PRODUCTS, natural plus colors*, Including Astro-Barrier™, Astro-Foam®, Astro-Foam® Renew™, Furniture Guard® Roll / Sheet products, PolyPlank® LAM, PolyPlank® MDL, PolyPlank® EXT, PolyPlank® SFT, PolyPlank® RenewTM, Proflex® Profiles, Corner Keeper™, Edge Foam®.
	* This MSDS pertains only to natural and/or pigmented products formulated without anti-static and/or fire retardant additives, adhesive components, or other specialty additives.
Synonym(s):	None known
Preparation/Revision date:	6 March 2015
Relevant identified uses of the substance or m	ixture and uses advised against
Identified uses:	Protective packaging – Flexible polyethylene foam
Uses advised against:	None known
Details of the supplier of the safety data sheet	
Manufacturer / Supplier	
Company name:	Pregis Innovative Packaging, Inc.
Address:	1650 Lake Cook Road, Suite 400
	Deerfield, IL 60015
Customer service:	877-692-6163
Emergency telephone number	For product and additional safety information: e-Mail: gallen@pregis.com
	<b>24-Hour Emergency Contact:</b> Chemtrec: (800) 424-9300



### SECTION 2: HAZARDS IDENTIFICATION

#### Classification of the substance or mixture

Not regulated per OSHA Hazard Communication Standard 29 CFR 1910.1200.

This product conforms to the U.S. OSHA Hazard Communication Standard's definition of an "Article," i.e., "...a manufactured item other than a fluid or particle: (i) which is formed to a specific shape or design during manufacture; (ii) which has end use function(s) dependent in whole or in part upon its shape or design during end use; and (iii) which under normal conditions of use does not release more than very small quantities, e.g., minute or trace amounts of a hazardous chemical , and does not pose a physical hazard or health risk to employees.

#### Label elements

Contains:	None
Hazard pictogram:	None
Signal word:	None
Hazard statement:	None
Precautionary statements:	
- Prevention:	None
- Response:	None
- Storage:	None
- Disposal:	None
Supplemental label information:	None
Other hazards	None
Hazard summary	

# Physical hazards:Not classified for physical hazards.Health hazards:Not classified for health hazards.Environmental hazards:Not classified for hazards to the environment.Main symptoms:Eye contact may clause slight irritation. In rare cases, sensitive<br/>individuals may experience irritation or reddening of skin.Inhalation of processing fumes or dusts may cause upper<br/>respiratory irritation.



## SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

This product conforms to the U.S. OSHA Hazard Communication Standard's definition of an "Article," i.e., "...a manufactured item other than a fluid or particle: (i) which is formed to a specific shape or design during manufacture; (ii) which has end use function(s) dependent in whole or in part upon its shape or design during end use; and (iii) which under normal conditions of use does not release more than very small quantities, e.g., minute or trace amounts of a hazardous chemical, and does not pose a physical hazard or health risk to employees." The following information is provided as a courtesy.

Chemical Name	Percent	CAS No.	Notes
Polyethylene resin	≥ 84		
Ethene/Butene Copolymer		25087-34-7	
Tris-nonylphenyl phosphite		26523-78-4	
Polyethylene Homopolymer		9002-88-4	
Crystalline silica		68855-54-9	
Hydrocarbon Foaming Agents	≤ 5		
Isobutane		75-28-5	
n-butane		106-97-8	
Talc (Magnesium silicate)	≤ 4	14807-96-6	
Foam Processing Aid, Monodiglycerides	≤ 2	67701-33-1	
Organic and/or inorganic colorants	≤ 5	Various	

**Composition comments:** Organic and/or inorganic colorants, which may include carbon black pigment which is thoroughly bound to the polymer matrix.

SECTION 4: FIRST AID MEASURES	
General Information	Show this Safety Data Sheet to the medical professional in attendance. Adverse health effects are not anticipated with use of this product as intended. If symptoms occur, follow first aid measures as appropriate.
Description of first aid measures	
Inhalation:	If symptoms are experienced, move victim to fresh air, if symptoms persist, obtain medical attention.
Skin contact:	Wash contaminated skin with mild soap and water. Get medical attention if irritation develops or persists.
Eye contact:	Rinse immediately with plenty of water, including under the eyelids. Get medical attention if irritation develops or symptoms persist.



## SECTION 4: FIRST AID MEASURES (CONT'D)

Ingestion: Notes to Physician:	If gastric irritation or discomfort persists seek medical advice. None specified
Most important symptoms and effects, both acute and delayed	Eye contact may clause slight irritation. In rare cases, individuals may experience irritation or reddening of skin. Inhalation of processing fumes or dusts may cause upper respiratory irritation.
Indication of any immediate medical attention and special treatment needed	None known

## SECTION 5: FIRE FIGHTING MEASURES

General fire hazards	Flammability not established for product as a whole. Polyethylene is combustible. Pregis's polyethylene foam also contains some residual flammable blowing agent, which might accumulate in confined spaces to produce concentrations in the explosive range. Processes such as grinding could produce fine dust and flammable vapors. Both could be potential explosion hazards.
<b>Extinguishing Media</b> Suitable extinguishing media:	Water, Foam, Dry Chemical, Carbon Dioxide. Use extinguishing media appropriate for surrounding material.
Unsuitable extinguishing media:	None known
Special hazards arising from the substance or mixture	Temperatures above 480°F could cause product degradation potentially producing toxic vapors including carbon monoxide, olefinic and paraffinic compounds, trace amounts of organic acids, ketones, aldehydes and/or alcohols.
Advice for firefighters	



Special protective equipment for firefighters: Special firefighting procedures:	Firefighters should use self-contained breathing apparatus and wear full protective equipment. Personnel / bystanders should be kept upwind of fire. Not applicable
Special remarks on fire hazards:	None
SECTION 6: ACCIDENTAL RELEASE MEASURES	

Personal precautions, protective equipment and emergency procedures	Protective clothing is not required under normal conditions of intended use, however, the use of gloves and safety glasses is consistent with good manufacturing and hygienic practice.
Methods and materials for containing	No special measures necessary beyond general housekeeping. Pick up
and cleaning up	and retaining material for recycling or disposal.

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling	Further processing of polyethylene foam products with
	any fabrication processes such as slitting, grinding,
	skiving, sawing, routing, or die cutting that cuts cells can
	release residual flammable blowing agent. A flammable
	concentration could accumulate if air is not properly
	circulated. All sources of ignition should be prevented
	in areas where foam is fabricated. Humidifiers or
	ionized air blowers can be used to reduce the possibility
	of static spark. Grinding equipment and any bins or
	hoppers should be purged with a positive air flow to
	dissipate any build-up of blowing agent gases.
	Monitoring systems should be in place to insure that a
	concentration of blowing agent does not accumulate
	during shutdowns or malfunctions. For hot wire cutting
	or thermal welding air flow should be provided to
	adequately disperse potential blowing agent build up.
	Control any vapor or dust emissions that may be
	generated by further processing of product.
Conditions for safe storage,	Always store polyethylene foam products in well-

ventilated areas.



including any incompatibilities

Always keep foam products away from excessive heat and any sources of ignition such as sparks or flame. Never store foam in confined areas or sealed-off compartments. Foam scrap or fabricated parts for disposal should be stored and shipped in ventilated containers. When opening doors and unloading foam shipments, extinguish all possible sources of ignition such as matches, cigarettes, sparks, and lighters. Allow air circulation into the trailer for ten minutes after opening trailer doors before unloading foam.



## SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Component	CAS No.	Туре	Value	Form		
Nuisance dust	N/A	ACGIH TWA	10 mg/m <sup>3</sup>	Total dust		
Nuisance dust	N/A	ACGIH TWA	3 mg/ m <sup>3</sup>	Respirable dust		
Nuisance dust	N/A	OSHA PEL	15 mg/ m <sup>3</sup>	Total dust		
Nuisance dust	N/A	OSHA PEL	5 mg/ m <sup>3</sup>	Respirable dust		
Crystalline Silica	68855-54-9	OSHA TWA	$0.05 \text{ mg/ m}^3$	-		
Crystalline Silica	68855-54-9	ACGIH TWA	$0.05 \text{ mg/ m}^3$	-		
Isobutane	75-28-5	NIOSH TWA	800 ppm	-		
n-Butane	106-97-8	ACGIH TWA	800 ppm	-		
n-Butane	106-97-8	NIOSH TWA	800 ppm	-		
Hydrous magnesium silicate	14807-96-6	NIOSH TWA	$2 \text{ mg/m}^3$	-		
Hydrous magnesium silicate	14807-96-6	ACGIH TWA	$2 \text{ mg/m}^3$	-		
Hydrous magnesium silicate	14807-96-6	OSHA PEL	20 mppcf	-		
Hydrous magnesium silicate	14807-96-6	NIOSH IDLH	1000 mg/ m <sup>3</sup>	-		
Appropriate engineering controls	Local ver	itilation should be	provided if produ	ct is		
	further processed producing dust or fumes. General					
	•	ventilation may also be used, but local ventilation is				
		•	u, but local ventili			
	usually p	referable.				
Individual Protective Measures						
General Information:	tion: The following general hygiene considerations are					
	recognize	ed as common, goo	od industrial hygie	ne		
	practices	. Wash hands after	use and before e	ating,		
practices. Wash hands after use and before eating, avoid breathing dust, and wear safety glasses.				-		
			ear surery Blasses			
Eve/face protection:		-		not		
Eye/face protection:	Wear saf	ety glasses. While	safety glasses are			
Eye/face protection:	Wear saf required	ety glasses. While under normal con	safety glasses are ditions of intended	d use,		
Eye/face protection:	Wear saf required wearing s	ety glasses. While under normal con safety glasses is co	safety glasses are ditions of intendeo nsistent with good	d use, I		
Eye/face protection:	Wear saf required wearing s	ety glasses. While under normal con	safety glasses are ditions of intendeo nsistent with good	d use, I		
Eye/face protection:	Wear saf required wearing s manufac	ety glasses. While under normal con safety glasses is co	safety glasses are ditions of intended nsistent with good ractice and recom	d use, I		
	Wear saf required wearing manufact product i	ety glasses. While under normal con safety glasses is co turing / hygienic pr s further processe	safety glasses are ditions of intended nsistent with good ractice and recomi d.	d use, l mended if		
Eye/face protection: Skin protection:	Wear saf required wearing s manufac product i Wear pro	ety glasses. While under normal con safety glasses is co turing / hygienic pr s further processed otective gloves. Wh	safety glasses are ditions of intended nsistent with good actice and recom d. ile protective glov	d use, I mended if ves are not		
	Wear saf required wearing s manufact product i Wear pro required	ety glasses. While under normal con safety glasses is co turing / hygienic pr s further processed otective gloves. Wh under normal con	safety glasses are ditions of intended nsistent with good actice and recom d. hile protective glow ditions of intended	d use, I mended if ves are not d use,		
	Wear saf required wearing s manufact product i Wear pro required wearing	ety glasses. While under normal con safety glasses is co turing / hygienic pr s further processed otective gloves. Wh under normal con protective gloves is	safety glasses are ditions of intended nsistent with good factice and recome d. dile protective glow ditions of intended s consistent with g	d use, I mended if ves are not d use,		
Skin protection:	Wear saf required wearing s manufact product i Wear pro required wearing p manufact	ety glasses. While under normal con safety glasses is co turing / hygienic pr s further processed otective gloves. Wh under normal con protective gloves is turing / hygienic pr	safety glasses are ditions of intended nsistent with good actice and recome d. ile protective glow ditions of intended consistent with g ractice.	d use, I mended if ves are not d use, ood		
	Wear saf required wearing s manufact product i Wear pro required wearing p manufact	ety glasses. While under normal con safety glasses is co turing / hygienic pr s further processed otective gloves. Wh under normal con protective gloves is	safety glasses are ditions of intended nsistent with good actice and recome d. ile protective glow ditions of intended consistent with g ractice.	d use, I mended if ves are not d use, ood		
Skin protection:	Wear saf required wearing s manufact product i Wear pro required wearing manufact If produc	ety glasses. While under normal con safety glasses is co turing / hygienic pr s further processed otective gloves. Wh under normal con protective gloves is turing / hygienic pr	safety glasses are ditions of intended nsistent with good actice and recome d. dile protective glow ditions of intended consistent with g ractice. rocessed producir	d use, I mended if ves are not d use, ood ng dust or		

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dust or fumes, wear a suitable air purifying respirator with particle filter or dust mask. None known

Thermal hazards:

#### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

Form	Solid plastic foam	Explosive properties	Not applicable
Color	Various colors	Explosive limit	Not applicable
Odor	Odorless	Vapor pressure	Not applicable
Odor threshold	Not applicable	Vapor density	Not applicable
рН	Not applicable	Evaporation rate	Not applicable
Melting/freezing point	220°F	Relative density	0.87-1.05 (polyethylene
Boiling point, initial point and boiling range	Not applicable	Partition coefficient (n-octanol/water)	Not applicable
Flash point	Not applicable	Solubility (water)	Insoluble in water
Auto-ignition	343°C (polyethylene resin)	Decomposition	> 480°F



Flammability (solid, gas)	Will burn but does not ignite	Bulk density	Not applicable
Flammability limit-	Not applicable	Viscosity	Not applicable
Flammability limit-	Not applicable	VOC (weight %)	Not applicable
Oxidizing properties	Not applicable	Percent volatile	Not applicable

SECTION 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	Hazardous polymerization will not occur.
Conditions to avoid	Avoid contact with strong oxidizers, excessive heat, sparks or open flame.
Incompatible materials	Strong oxidizers
Hazardous decompositions products	Temperatures above 480°F could cause product degradation potentially producing toxic vapors including carbon monoxide, olefinic and paraffinic compounds, trace amounts of organic acids, ketones, aldehydes and/or alcohols.



## SECTION 11: TOXICOLOGICAL INFORMATION

## General information on likely routes of exposure

Ceneral mornation on incry routes of expos	
Ingestion:	No adverse effects known to be associated with
	ingestion of small amounts of this inert material.
	Ingestion of large quantities may result in
	gastrointestinal discomfort or distress.
Inhalation:	Inhalation of fumes from heated plastic may cause
	irritation of respiratory tract, chest discomfort,
	and/or dizziness. Inhalation of dust may cause
	respiratory irritation. Polyethylene dust from
	grinding and pulverizing operations is considered
	nuisance dust.
Skin contact:	In rare cases, contact with sensitive individuals' skin may
	result in irritation or reddening of skin.
Eye contact:	May cause slight irritation.
Symptoms:	Eye contact may clause slight irritation. In rare cases,
	sensitive individuals may experience irritation or
	reddening of skin. Inhalation of processing fumes or
	dusts may cause upper respiratory irritation.
11.1 Information on toxical action offerts	
11.1 Information on toxicological effects	
<b>11.1 Information on toxicological effects</b> Acute Toxicity:	No data were identified for this product as a whole.
_	No data were identified for this product as a whole. Polyethylene resin (main ingredient) not considered to
_	
_	Polyethylene resin (main ingredient) not considered to
_	Polyethylene resin (main ingredient) not considered to be toxic to humans or animals. Rats inhaling
_	Polyethylene resin (main ingredient) not considered to be toxic to humans or animals. Rats inhaling polyethylene dust developed mild inflammatory
_	Polyethylene resin (main ingredient) not considered to be toxic to humans or animals. Rats inhaling polyethylene dust developed mild inflammatory changes in the lungs. Prolonged inhalation of thermal
_	Polyethylene resin (main ingredient) not considered to be toxic to humans or animals. Rats inhaling polyethylene dust developed mild inflammatory changes in the lungs. Prolonged inhalation of thermal degradation products from polyethylene caused
_	Polyethylene resin (main ingredient) not considered to be toxic to humans or animals. Rats inhaling polyethylene dust developed mild inflammatory changes in the lungs. Prolonged inhalation of thermal degradation products from polyethylene caused neurological effects in rats. Animal studies showed no
_	Polyethylene resin (main ingredient) not considered to be toxic to humans or animals. Rats inhaling polyethylene dust developed mild inflammatory changes in the lungs. Prolonged inhalation of thermal degradation products from polyethylene caused neurological effects in rats. Animal studies showed no adverse health effects on the digestive system when fed
Acute Toxicity:	Polyethylene resin (main ingredient) not considered to be toxic to humans or animals. Rats inhaling polyethylene dust developed mild inflammatory changes in the lungs. Prolonged inhalation of thermal degradation products from polyethylene caused neurological effects in rats. Animal studies showed no adverse health effects on the digestive system when fed up to 20% polyethylene.
Acute Toxicity:	Polyethylene resin (main ingredient) not considered to be toxic to humans or animals. Rats inhaling polyethylene dust developed mild inflammatory changes in the lungs. Prolonged inhalation of thermal degradation products from polyethylene caused neurological effects in rats. Animal studies showed no adverse health effects on the digestive system when fed up to 20% polyethylene. No data were identified for this product as a whole. At
Acute Toxicity:	Polyethylene resin (main ingredient) not considered to be toxic to humans or animals. Rats inhaling polyethylene dust developed mild inflammatory changes in the lungs. Prolonged inhalation of thermal degradation products from polyethylene caused neurological effects in rats. Animal studies showed no adverse health effects on the digestive system when fed up to 20% polyethylene. No data were identified for this product as a whole. At elevated temperatures, such as produced by hot
Acute Toxicity: Serious Eye Damage/Irritation:	Polyethylene resin (main ingredient) not considered to be toxic to humans or animals. Rats inhaling polyethylene dust developed mild inflammatory changes in the lungs. Prolonged inhalation of thermal degradation products from polyethylene caused neurological effects in rats. Animal studies showed no adverse health effects on the digestive system when fed up to 20% polyethylene. No data were identified for this product as a whole. At elevated temperatures, such as produced by hot cutting, fumes may cause eye irritation.
Acute Toxicity: Serious Eye Damage/Irritation:	Polyethylene resin (main ingredient) not considered to be toxic to humans or animals. Rats inhaling polyethylene dust developed mild inflammatory changes in the lungs. Prolonged inhalation of thermal degradation products from polyethylene caused neurological effects in rats. Animal studies showed no adverse health effects on the digestive system when fed up to 20% polyethylene. No data were identified for this product as a whole. At elevated temperatures, such as produced by hot cutting, fumes may cause eye irritation. No data were identified for this product as a whole. No
Acute Toxicity: Serious Eye Damage/Irritation: Skin corrosion/Irritation:	<ul> <li>Polyethylene resin (main ingredient) not considered to be toxic to humans or animals. Rats inhaling polyethylene dust developed mild inflammatory changes in the lungs. Prolonged inhalation of thermal degradation products from polyethylene caused neurological effects in rats. Animal studies showed no adverse health effects on the digestive system when fed up to 20% polyethylene.</li> <li>No data were identified for this product as a whole. At elevated temperatures, such as produced by hot cutting, fumes may cause eye irritation.</li> <li>No data were identified for this product as a whole. No skin effects are expected from polymer contact.</li> </ul>
Acute Toxicity: Serious Eye Damage/Irritation: Skin corrosion/Irritation:	<ul> <li>Polyethylene resin (main ingredient) not considered to be toxic to humans or animals. Rats inhaling polyethylene dust developed mild inflammatory changes in the lungs. Prolonged inhalation of thermal degradation products from polyethylene caused neurological effects in rats. Animal studies showed no adverse health effects on the digestive system when fed up to 20% polyethylene.</li> <li>No data were identified for this product as a whole. At elevated temperatures, such as produced by hot cutting, fumes may cause eye irritation.</li> <li>No data were identified for this product as a whole. No skin effects are expected from polymer contact.</li> <li>No data were identified for this product as a whole.</li> </ul>



Germ Cell Mutagenicity:

produced by hot cutting, fumes may cause respiratory irritation. No data were identified for this product.



## SECTION 11: TOXICOLOGICAL INFORMATION (CONT'D)

Carcinogenicity: Reproductive Toxicity: Developmental Effects:	Crystalline silica (< 0.1%): IARC-classified 1 (Proven for human); NTP-Classified 2 (Reasonably anticipated) target organ is the lung. Release of these materials may occur in small quantities during processing of the product, but is not expected to present a hazard. No data were identified for this product. No data were identified for this product.
•	•
STOT – Single Exposure:	No data were identified for this product.
STOT – Repeated Exposure:	No data were identified for this product as a whole.
	Subchronic (50 to 90 day) feeding studies conducted on rats, dogs, and swine showed no effects from dietary levels of 1 to 20% powdered and shredded polyethylene.
Aspiration Hazard:	Not relevant based on physical form of the product.
Conclusion/Summary	Eye contact may clause slight irritation. In rare cases, sensitive individuals may experience irritation or reddening of skin. Inhalation of processing fumes or dusts may cause upper respiratory irritation.

# SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity	No data were identified for this product as a whole. Polyethylene resin (main ingredient) ecotoxicity is expected to be low.
Persistence and degradability	No data were identified for this product.
Bioaccumulative potential	No data were identified for this product as a whole. Polyethylene resin (main ingredient) is not expected to bioaccumulate.
Mobility	No data available
Results of PBT and vPvB assessment	Not a PBT or vPvB material
Other adverse effects	None known



**Conclusion/Summary** 

The material should pose no significant hazard to the environment.



## SECTION 13: DISPOSAL CONSIDERATIONS

#### Waste treatment methods

Residual waste:	Dispose as normal, non-hazardous, solid waste, in accordance with applicable Federal, State and Local regulations.
Contaminated packaging:	Dispose as normal, non-hazardous, solid waste, in
	accordance with applicable Federal, State and Local
	regulations.
Disposal methods/information:	This material is NOT classified as a Hazardous Material
	by RCRA.

## SECTION 14: TRANSPORT INFORMATION

UN Number	Not applicable, not regulated as hazardous for transport.
UN proper shipping name	Not applicable, not regulated as hazardous for transport.
Transport hazard class(es)	Not applicable, not regulated as hazardous for transport.
Packing group	Not applicable, not regulated as hazardous for transport.
Environmental hazards	Not applicable, not regulated as hazardous for transport.
Special precautions for user	Not applicable, not regulated as hazardous for transport.
Transport in bulk according to Annex II MARPOL73/78 and the IBC Code transport.	Not applicable, not regulated as hazardous for

The transport regulation may vary based on the country of use. Check for the appropriate regulations in the country of transport or usage of this product.





#### SECTION 15: REGULATORY INFORMATION

#### Safety, health and environmental regulations/legislation specific for the substance or mixture

#### **USA Federal Regulations**

29 CFR 1910.1200 Hazard Communication Standard (HCS): TSCA (TSCA 12b):

CERCLA 102A / 103: SARA III, Sec. 302: CALIFORNIA PROPOSITION 65: Not regulated Nonylphenol (a trivial component of polyethylene) None None No label

required.

#### **Other Regulations**

All shipping mailer packaging and packaging components, manufactured in the United States by Pregis Innovative Packaging, Inc., comply with the several United States' enacted provisions of the Coalition of Northeast Governors ("CONEG") legislative model for the reduction of toxics in packaging and the California Toxics in Packaging Prevention Act. Pregis Innovative Packaging, Inc.'s manufacturing practices prohibit the intentional introduction of cadmium(Cd), hexavalent chromium(Cr +6), lead (Pb), or mercury (Hg) into its products' formulations. Further, the cumulative total of all such metals' incidental concentrations does not exceed 100 parts per million (ppm).

#### SECTION 16: OTHER INFORMATION

#### List of abbreviations

ACGIH	American Conference of Governmental Industrial
	Hygienists
CERCLA	Comprehensive Environmental Response,
	Compensation, and Liability Act
CFR	Code of Federal Regulations
IARC	International Agency for Research on Cancer



IBC	International Code for the Construction and Equipment
	of Ships carrying Dangerous Chemicals in Bulk
MARPOL	International Convention for the Prevention of Pollution
	from Ships
NTP	National Toxicology Program
OSHA	Occupational Safety and Health Administration (United
	States)
PEL	Permissible Exposure Limit

# SECTION 16: OTHER INFORMATION (CONT'D)

PBT RCRA SARA SDS TSCA TWA vPvB	Persistent, Bioaccumulative and Toxic Resource Conservation and Recovery Act Superfund Amendments and Reauthorization Act Safety Data Sheet Toxic Substances Control Act Time Weighted Average Very Persistent and Very Bioaccumulative
SDS Revisions	SDS prepared on 6 March 2015
Disclaimer	Information provided by sources external to our company and set forth herein is offered in good faith as accurate, but without guarantee. Safety precautions contained herein cannot anticipate all individual and unique situations. Conditions of use and suitability of the product for particular uses are beyond our control. All risks of use of the product are, therefore, assumed by the user and we expressly disclaim all warranties of every kind and nature, including warranties of merchantability and fitness for a particular purpose in respect to the use or suitability of the product. Nothing herein is intended as recommendation for uses which infringe valid patents or as extension of license under valid patents. Appropriate warnings and safe handling procedures should be provided to users.



