

# SAFETY DATA SHEET

The classification is based on the criteria in the UN Globally Harmonized System of Classification and Labelling of Chemicals (GHS)				
1	. Identification of the Substance and Manufacturer			
Product:	Glass-Filled PTFE Compounds			
Material Description:	PCI 5 FG LF, PCI 10 FG LF, PCI 15 FG LF, PCI 15 GB LF, PCI 20 FG LF, PCI 20 GB LF, PCI 25 FG LF, PCI 30 FG LF, PCI 50 FG LF, PCI 15 FG FF, PCI 15 SG FF, PCI 15 GB FF, PCI 20 FG FF, PCI 22.5 FG FF, PCI 25 FG FF, PCI 30 FG FF, PCI 35 FG FF, PCI 10 FG EG, PCI 15 FG EG, PCI 20 FG EG, PCI 20 GB EG, PCI 25 FG EG, PCI 30 FG EG, PCI 35 FG EG, PCI 15 GL EG, PCI 25 GL EG			
Manufacturer or supplier's de	tails			
Manufacturer:	PTFE Compounds, Inc. 220 Chesapeake Boulevard Elkton, MD 21921			
Telephone number:	1-410-392-9080			
TeleFax:	1-410-392-9081			
Recommended use of the cher	nical and restrictions on use			
Recommended use:	Resin for molding and/or extrusion			
Restrictions on use:	Medical applications that involve permanent application in the human body or contact with internal bodily fluids or tissues.			
	2. Hazard Identification			
GHS classification:	If using a glass fiber-filled compound, the glass fiber in the compound is classified as hazardous according to OSHA Hazard Communication Standard, 29 CFR 1900.1200, App. A Skin Irritation (Category 2) Eye Irritation (Category 2B) SPECIFIC Target Organ Toxicity – Single Exposure (Category 3)			
GHS classification: GHS Label Elements:	If using a glass fiber-filled compound, the glass fiber in the compound is classified as hazardous according to OSHA Hazard Communication Standard, 29 CFR 1900.1200, App. A Skin Irritation (Category 2) Eye Irritation (Category 2B) SPECIFIC Target Organ Toxicity – Single Exposure (Category 3)			
GHS classification: GHS Label Elements: Signal word:	If using a glass fiber-filled compound, the glass fiber in the compound is classified as hazardous according to OSHA Hazard Communication Standard, 29 CFR 1900.1200, App. A Skin Irritation (Category 2) Eye Irritation (Category 2B) SPECIFIC Target Organ Toxicity – Single Exposure (Category 3) Warning			
GHS classification: GHS Label Elements: Signal word: Pictograms:	If using a glass fiber-filled compound, the glass fiber in the compound is classified as hazardous according to OSHA Hazard Communication Standard, 29 CFR 1900.1200, App. A Skin Irritation (Category 2) Eye Irritation (Category 2B) SPECIFIC Target Organ Toxicity – Single Exposure (Category 3) Warning			
GHS classification: GHS Label Elements: Signal word: Pictograms: Hazard Statements:	If using a glass fiber-filled compound, the glass fiber in the compound is classified as hazardous according to OSHA Hazard Communication Standard, 29 CFR 1900.1200, App. A Skin Irritation (Category 2) Eye Irritation (Category 2B) SPECIFIC Target Organ Toxicity – Single Exposure (Category 3) Warning			
GHS classification: GHS Label Elements: Signal word: Pictograms: Hazard Statements: H315	If using a glass fiber-filled compound, the glass fiber in the compound is classified as hazardous according to OSHA Hazard Communication Standard, 29 CFR 1900.1200, App. A Skin Irritation (Category 2) Eye Irritation (Category 2B) SPECIFIC Target Organ Toxicity – Single Exposure (Category 3) Warning Causes skin irritation. Causes skin irritation. Causes eye irritation.			
GHS classification: GHS Label Elements: Signal word: Pictograms: Hazard Statements: H315 H335	If using a glass fiber-filled compound, the glass fiber in the compound is classified as hazardous according to OSHA Hazard Communication Standard, 29 CFR 1900.1200, App. A Skin Irritation (Category 2) Eye Irritation (Category 2B) SPECIFIC Target Organ Toxicity – Single Exposure (Category 3) Warning Causes skin irritation. Causes skin irritation. Causes eye irritation. May cause respiratory irritation.			
GHS classification: GHS Label Elements: Signal word: Pictograms: Hazard Statements: H315 H335 Precautionary Statements:	If using a glass fiber-filled compound, the glass fiber in the compound is classified as hazardous according to OSHA Hazard Communication Standard, 29 CFR 1900.1200, App. A Skin Irritation (Category 2) Eye Irritation (Category 2B) SPECIFIC Target Organ Toxicity – Single Exposure (Category 3) Warning $\widehat{\mathbf{Vorning}}$ Causes skin irritation. Causes skin irritation. Causes eye irritation. May cause respiratory irritation.			
GHS classification: GHS Label Elements: Signal word: Pictograms: Hazard Statements: H315 H335 Precautionary Statements: P261	If using a glass fiber-filled compound, the glass fiber in the compound is classified as hazardous according to OSHA Hazard Communication Standard, 29 CFR 1900.1200, App. A Skin Irritation (Category 2) Eye Irritation (Category 2B) SPECIFIC Target Organ Toxicity – Single Exposure (Category 3) Warning $\widehat{OO}$ Causes skin irritation. Causes skin irritation. Causes eye irritation. May cause respiratory irritation. Avoid breathing dust.			
GHS classification: GHS Label Elements: Signal word: Pictograms: Hazard Statements: H315 H335 Precautionary Statements: P261 P271	If using a glass fiber-filled compound, the glass fiber in the compound is classified as hazardous according to OSHA Hazard Communication Standard, 29 CFR 1900.1200, App. A Skin Irritation (Category 2) Eye Irritation (Category 2B) SPECIFIC Target Organ Toxicity – Single Exposure (Category 3) Warning Causes skin irritation. Causes skin irritation. Causes eye irritation. May cause respiratory irritation. Avoid breathing dust. Use only outdoors or in a well-ventilated area.			
GHS classification: GHS Label Elements: Signal word: Pictograms: Hazard Statements: H315 H335 Precautionary Statements: P261 P271 P264	If using a glass fiber-filled compound, the glass fiber in the compound is classified as hazardous according to OSHA Hazard Communication Standard, 29 CFR 1900.1200, App. A Skin Irritation (Category 2) Eye Irritation (Category 2B) SPECIFIC Target Organ Toxicity – Single Exposure (Category 3) Warning Causes skin irritation. Causes skin irritation. Causes eye irritation. May cause respiratory irritation. Avoid breathing dust. Use only outdoors or in a well-ventilated area. Wash hands and other affected areas thoroughly after handling.			

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		2. Commenting / Information of Insuralizate	
Other hazards:		May cause thermal burns. The thermal decomposition products can include carbon monoxide, carbon dioxide, oxides of sulfur, and vapors of fluorinated plastics. The latter may cause polymer fume fever with flu-like symptoms in humans, especially when smoking contaminated tobacco.	
	P501	Dispose of contents in accordance with applicable regulations.	
	P403+P223	Store in well ventilated place. Keep container tightly closed.	
	P362	Take off contaminated clothing and wash before reuse.	
	P332+P337+P313	If skin or eye irritation occurs get medical attention.	
	P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.	
	P304+P340+P312	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call POISON CENTER or physician if you feel unwell.	

3. Composition / Information of Ingredients

Substance / Mixture:	Mixture			
Substance name:	Filled Polytetrafluoroethylene Compound			
Chemical Name		CAS	% (weight)	
Polytetrafluoroethylene		9002-84-0	50-95	
Man-made glass fiber		65997-17-3	0-50	
Glass beads, as glass oxide; Boro glass type E	silicate	65997-17-3	0-22	
Chemical Name or composition: NFPA Unusual Hazards: Component Related Regulatory	Fibrou alumin None This pr	s glass (composition consisting principally of o num, magnesium, and boron fused in an amor roduct may be regulated, have exposure limit	oxides of silicon, calcium, rphous vitreous state), PTFE s or other information	
Component Information /	particu	ilates	glass, and nuisance	
Information on Non-Hazardous Components:	No additional information available.			
		4. First Aid Measures		
General advice:	First resp insufficie In case o When sy	onders should wear suitable personal protec nt ventilation or possible inhalation or eye co f accident or if you feel unwell, seek medical a mptoms persist or in all cases of doubt seek n	tive equipment in case of intact. advice immediately. nedical advice	
If inhaled:	If inhaled Encourag Get medi	l, move to fresh air. ge patient to blow nose to ensure a clear brea cal attention if symptoms persist.	thing passage	
If swallowed:	If swallow place on prevent a Watch pe obstructi	ved, DO NOT induce vomiting. If vomiting occ left side (head down position, if possible) to r aspiration of vomit into the lungs. erson for several days to make sure that parti on does not occur.	curs, lean patient forward or maintain open airway and al or complete intestinal	
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	Rinse mouth thoroughly with water. Never give liquid to a person showing signs of being sleepy or reduced awareness, i.e. becoming unconscious. Get medical attention if symptoms occur.
In case of skin contact: In case of eye contact: Most important symptoms	<ul> <li>Wash with mild soap and cold water.</li> <li>Get medical attention if symptoms occur.</li> <li>NEVER use compressed air to remove fibers from skin. If the fibers are seen penetrating the skin, the fibers can be removed by applying and removing adhesive tape so that the fibers adhere to the tape and are pulled out of the skin.</li> <li>If contact molten material, cool skin rapidly with cold water after contact with molten material. DO NOT ATTEMPT TO REMOVE MOLTEN MATERIAL. Cover affected area with a clean dressing. Consult a physician.</li> <li>If in eyes, rinse well with water for 15-20 minutes.</li> <li>Get medical attention if irritation develops and persists.</li> <li>If contact molten material, DO NOT ATTEMPT TO REMOVE MOLTEN MATERIAL. Get immediate medical attention.</li> </ul>
and effects, both acute and delayed:	Contact with dust can cause mechanical irritation or drying of the skin. Dust contact with eyes can lead to mechanical irritation.
Protection of first-aiders:	No special precautions are necessary for first aid responders.
Notes to physician	Treat symptomatically and supportively.
	5. Fire Fighting Measures
Suitable extinguishing media:	Carbon dioxide (CO <sub>2</sub> ) Dry chemical Alcohol-resistant foam Water spray or fog
Unsuitable Extinguishing Media:	Do not use solid water stream as it may scatter and spread fire.
Specific hazards during Fire-fighting:	Exposure to combustion products may be hazardous to health.
Hazardous Thermal Decomposition Products:	Hydrogen fluoride Carbon fluoride Potentially toxic fluorinated compounds Aerosolized particulates Carbon oxides Hydrogen Ammonia
Specific extinguishing methods:	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Use water spray to cool unopened containers Remove undamaged containers from fire area if it is safe to do so. Evacuate area.
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Special protective actions for fire-fighters:	As in any fire, wear self-contained breathing apparatus (SCBA) pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Wear neoprene gloves during clean up after fire.
Further information:	Protect from hydrogen fluoride fumes which react with water to form hydrofluoric acid.
	6. Accidental Release Measures
Personal precautions, protective equipment, and emergency procedures:	Evacuate area. Keep unprotected persons away. Ensure adequate ventilation. Avoid dust cloud formation and inhalation of dust. Follow safe handling advice and personal protective equipment recommendations. Spilled material can create slippery conditions.
Environmental Precautions:	Discharge into the environment must be avoided. Prevent further leakage or spillage from entering drains, sewers, or watercourses; if safe to do so. Retain and dispose of contaminated wash water. Local authorities should be advised if significant spillages cannot be contained.
Methods and material for containment and clean up	Sweep up and shovel or vacuum up spillage and collect in suitable containers for disposal. Avoid dispersal of dust in the air (i.e., clearing dust surfaces with compressed air). Use an appropriate industrial vacuum cleaner, equipped with ULPA or HEPA filters. Local or national regulations may apply to releases and disposal of this material as well as those materials and items employed in the cleanup of releases. You will need to determine which regulations are applicable. Sections 13 and 15 of this SDS provide information regarding certain local or national requirements.
	7. Handling and Storage
Local / Total Ventilation:	Use only with adequate ventilation and prevent the creation of dusts. If concentrations exceed the occupational exposure limits, use suitable respiratory protection.
Advice on safe handling:	For personal protection see section 8. Do not breathe or ingest dust. Handle in accordance with good industrial hygiene and safety practice, based on the results of the workplace exposure assessment. When opening containers, avoid breathing vapors that may be emanating. Keep container closed when not in use. Wash hands and face before breaks and immediately after handling the product. Avoid contamination of cigarettes or tobacco with dust from this material. In case of insufficient ventilation, wear suitable respiratory equipment. Do not use a torch to clean this material from equipment without local exhaust ventilation and respirator.
Conditions for safe storage:	Keep in closed, properly labeled containers. Store in accordance with the particular national regulations. Store away from heat. Protect from contamination. Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapors). Stable under recommended storage conditions.
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Materials to avoid:

Do not store with the following product types: Strong oxidizing agents

Further information on Stable under recommended storage conditions. storage stability:

# 8. Exposure Controls / Personal Protection

# Components with workplace control parameters

Components	CAS	Value type	Control parameters / Permissible	Basis
		(Form of exposure)	concentration	
Polytetrafluoroethylene	9002-84-0	Contains no substances with occupational exposure limit values		values
Glass fiber	65997-17-3	8-hour TWA	15 mg/m <sup>3</sup> (non-respirable fiber & particulate)	OSHA
		8-hour TWA	5 mg/m <sup>3</sup> (respirable particulate)	OSHA
		8-hour TWA	5 mg/m <sup>3</sup> (non-respirable fiber &	ACGIH TLV
			particulate)	
		8-hour TWA	None Established	ACGIH TLV
Glass beads as glass oxide	65997-17-3	No Occupational Exposure Limits assigned		
			15 mg/m <sup>3</sup> total dust	
			5 mg/m <sup>3</sup> respirable (Particulates No	ot Otherwise
			Regulated)	

# Occupational exposure limits of decomposition products of Polytetrafluoroethylene

Components	CAS	Value type	Control parameters / Permissible	Basis
		(Form of exposure)	concentration	
Hydrofluoric acid	7664-39-3	TWA	3 ppm	NIOSH REL
			2.5 mg/m <sup>3</sup>	
		С	6 ppm	NIOSH REL
			5 mg/m <sup>3</sup>	
		TWA	3 ppm	OSHA Z-2
		TWA	0.5 ppm (Fluorine)	ACGIH
		С	2 ppm (fluorine)	ACGIH
Carbonyl difluoride	353-50-4	TWA	2 ppm	ACGIH
		STEL	5 ppm	ACGIH
		ST	5 ppm	NIOSH REL
			15 mg/m <sup>3</sup>	
		TWA	2 ppm	NIOSH REL
			5 mg/m <sup>3</sup>	
Carbon dioxide	124-38-9	TWA	5,000 ppm	ACGIH
		STEL	30,000 ppm	ACGIH
		TWA	5,000 ppm	OSHA Z-1
			9,000 mg/m <sup>3</sup>	
		TWA	5,000 ppm	NIOSH REL
			9,000 mg/m <sup>3</sup>	
		ST	30,000 ppm	NIOSH REL
			54,000 mg/m <sup>3</sup>	
	1			

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	Carbon monoxide		630-08-0	TWA	25 ppm	ACGIH
				TWA	35 ppm	NIOSH REL
					40 mg/m <sup>3</sup>	
				С	200 ppm	NIOSH REL
					229 mg/m <sup>3</sup>	
				TWA	50 ppm	OSHA Z-1
					55 mg/m <sup>3</sup>	
	ACGIH : American Conference of AIHA : American Industrial Hygier CMRG : Chemical Manufacturer's OSHA : United States Department ACGIH BEI: American Conference NIOSH REL: National Institute for	Governmen ne Associati Recommer t of Labor – of Governn Occupatior	nt Industrial Hygien on nded Guidelines Occupational Safe nent Industrial Hyg nal Safety and Heal	ists ty and Health Admini ienists Biological Exp th Recommended Exp	TWA : Time-Weig STEL : Short Term CEIL : Ceiling stration TLV : Threshold Li osure Indices ST : Short Term E: posure Limits C : Ceiling Value	hted-Average Exposure Limit mit Value «posure Limit
F	Ingineering controls:	Proces Ensure airborr	sing may forr adequate ve ne contamina	n hazardous co ntilation, espection and to kee	ompounds (see Section 10 cially in confined areas, is op dust concentrations be	) provided to minimize low the exposure limits.
F	Personal protective equip	ment (P	PPE)			
F	Respiratory Protection:	Genera recomi unknov regulat provide limited uncont air pur	al and local ve mended limit wn, appropria tions (29 CFR ed by air puri I. Use a positi trolled releas ifying respira	entilation is rec s. Where conce ate respiratory 1910.134) and fying respirato ve pressure air e, exposure lev tors may not p	ommended to maintain v entrations are above reco protection should be wor use NIOSH/MSHA approv rs against exposure to any supplied respirator if the els are unknown, or any c rovide adequate protectio	apor exposures below mmended limits or are m. Follow OSHA respirator ved respirator. Protection v hazardous chemical is re is any potential for other circumstance where on.
ŀ	land Protection:	Protec	tive gloves. H	eat resistant P	olymer laminate recomm	ended.
		Choose specific resista manufa Breakt	e gloves to pr c to place of v nce to chemi acturer. Wasl hrough time	otect hands ag work. For speci cals of the afor h hands before is not determir	ainst chemicals dependin al applications, we recom ementioned protective gl breaks and at the end of led for the product. Chang	g on the concentration mend clarifying the oves with the glove the workday. ge gloves often!
F	ye/Face Protection:	Safety It is rec respira a full-fa	glasses with s commended s ator as approp ace shield bu	side shields or a that contact ler priate for expos t never use as p	safety goggles. ns wearers additionally we sure conditions. To avoid primary eye protection.	ear goggles or a full-face eye and face contact, use
5	skin/ Body protection:	Skin irr neck, v Long sl Skin sh If there clothin	ritation is kno wrists, waist, leeves and/ou lould be wash e is a potentia log and footwe	own to occur ch and between th r protective sui ned after conta al for contact w ear.	iefly at the pressure poin ne fingers. t or coveralls recommend ct. rith hot/molten material w	ts such as around the ed. vear heat resistant
ŀ	lygiene measures:	Ensure place. When	that eye flus using; do not	hing systems a eat, drink, or s	nd safety showers are loc moke.	ated close to the working

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	9. Physical ar	id Chemical Properties	
Appearance:		Powder or pellet	
Color:		White	
Odor:		Odorless	
Odor Threshold:		No data available	
pH:		Not data available	
Melting point / range:		> 327°C	
Boiling point / boiling rang	ge:	No data available	
Flash point:		Not applicable	
Evaporation Rate:		Not applicable	
Flammability (solid, gas):		Not classified as a flammability hazard	
Upper explosion limit / Up	per flammability limit:	No data available	
Lower explosion limit / Lov	wer flammability limit:	No data available	
Vapor pressure:		Not applicable	
Relative vapor density:		Not applicable	
Density:		2.15-2.30 g/cm <sup>3</sup>	
Solubility(ies)			
Water solubility:		Insoluble	
Partition coefficient: n-octanol/water		No applicable data available	
Autoignition temperature:		No data available	
Decomposition temperature:		No data available	
Viscosity			
Viscosity, kinema	tic	Not applicable	
Explosive properties:		Not explosive	
Oxidizing properties:		This substance or mixture is not classified as oxidizing.	
Particle size:		No data available	
	10. Stabi	lity and Reactivity	
Reactivity:	Not classified as a react	ivity hazard	
Chemical stability:	Stable under normal co	nditions.	
Possibility of hazardous reactions:	Can react with strong o Hazardous decompositi	xidizing agents. ion products will be formed at elevated temperatures.	
Conditions to avoid:	To avoid thermal decomposition, do not overheat. Abnormally long processing time		
Incompatible materials:	Oxidizing agents		

# **Hazardous Decomposition Products**

- Thermal decomposition: Hydrofluoric acid Carbonyl difluoride Carbon dioxide
  - Carbon monoxide

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## 11. Toxicological Information

#### Information on likely routes of exposure

Inhalation

Skin contact Ingestion

Eye contact

# Acute toxicity

Polytetrafluoroethylene (PTFE): Not classified based on available information

- Glass fibers: Dusts may cause mechanical to eyes and skin. Ingestion may cause transient irritation of throat, stomach, and gastrointestinal tract. Inhalation may cause coughing, nose and throat irritation, and sneezing. People with pre-existing respiratory conditions, may experience difficulty breathing, congestion, and chest tightness.
- Glass beads: Dusts may cause mechanical irritation. The acute oral toxicity of this product has not been tested. A similar material was nontoxic to rats at 5,000 mg/kg. Inhalation may cause irritation to mucous membranes.

# Skin corrosion / irritation

PTFE: Not classified based on available information. Glass fibers: No information provided. Glass beads: Dust may cause mechanical irritation.

#### Serious eye damage / eye irritation

PTFE: Not classified based on available information. Glass fibers: No information provided. Glass beads: Dust may cause mechanical irritation.

# Respiratory or skin sensitization

## Skin sensitization

PTFE: Not classified based on available information. Glass fibers: No information provided. Glass beads: Not sensitizing.

## **Respiratory sensitization**

PTFE: Not classified based on available information. Glass fibers: No information provided. Glass beads: Not sensitizing.

#### Germ cell mutagenicity

PTFE: Not classified based on available information. Glass fibers: No information provided. Glass beads: No information provided.

## Carcinogenicity

PTFE: Not classified based on available information

IARC	No ingredient of this product is present at levels greater than or equal to 0.1% is identified as probable, possible, or confirmed human carcinogen by IARC.
OSHA	No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens
NTP	No ingredient of this product is present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
Glass fibers:	The International Agency for Research on Cancer (IARC) in June 1987, categorized fiberglass continuous filament as not classified with respect to human carcinogenicity (Group 3). The evidence from human as well as animal studies was evaluated by IARC as insufficient to
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classify fiberglass continuous filament as a possible, probable, or confirmed cancer-causing material. This conclusion was confirmed by IARC in October 2001.

The American Conference of Government Industrial Hygienists (ACGIH) A4 classification, not classified as a human carcinogen, for respirable continuous filament glass fibers is based on inadequate data in terms of carcinogenicity in humans and/or animals.

For respirable continuous filament glass fibers, a TLV-TWA of 1 fiber/cc was adopted to protect workers against mechanical irritation. The TLV-TWA of 5 mg/m<sup>3</sup> was adopted for non-respirable glass filament fiber, measured as inhalable dust, to prevent mechanical irritation of the upper respiratory tract.

# Note: There are no known chronic health effects connected with long-term use or contact with these products.

Products that are chopped, crushed, or severely mechanically processed during manufacture or use may contain small amounts of respirable glass fiber-like fragments. Persistent respirable glass fibers are suspected to cause cancer. NIOSH defines "Respirable Fibers" as greater than 5 microns in length and less than 3 microns in diameter with an aspect ratio of  $\geq 5:1$  (length to width ratio).

#### **Component Carcinogenicity**

#### Fiber Glass (crushed/shredded continuous filament)(65997-17-3)

ACGIH: A4 – Not classified as a human carcinogen. IARC: Group 3 "not classified as to its carcinogenicity to humans" June 1987 meeting

Glass beads: There are no known reports of carcinogenicity of non-fibrous glass. Components are not listed by IARC, NTP, or OSHA as carcinogens.

#### **Reproductive toxicity**

PTFE: Not classified based on available information. Glass fibers: This product does not contain any known or suspected reproductive hazards. Glass beads: No evidence of reproductive effects.

#### STOT Specific Target Organ Toxicity - single exposure

PTFE: Not classified based on available information Glass fibers: No known effects under normal use conditions. Glass beads: No information provided.

#### STOT Specific Target Organ Toxicity - repeated exposure

PTFE: Not classified based on available information. Glass fibers: None under normal use conditions. Glass beads: No information provided.

#### Aspiration toxicity

PTFE: Not classified based on available information. Glass fibers: Not applicable. Glass beads: No information provided.

#### Section 12: Ecological Information

#### Ecotoxicity

PTFE: No data available.

Glass fibers: No data available for this product. This product is not anticipated to harm animals, plants, or fish. Glass beads: No environmental hazards have been reported or known.

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#### Persistence and degradability

PTFE: No data available. Glass fibers: No information available. Glass beads: This material is persistent but inert in aquatic systems. It will not bioconcentrate up the food chain.

#### Bioaccumulative potential

PTFE: No data available. Glass fibers: No information available. Glass fibers: No information reported.

#### Mobility in soil

PTFE: No data available. Glass fibers: No information reported. Glass beads: No information reported.

#### **Results of PBT and vPvB assessment**

PTFE: No information reported. Glass fibers: No information reported. Glass beads: Not classified as PBT or vPvB.

#### Other adverse effects

PTFE: No information reported. Glass fibers: No information available. Glass beads: No applicable.

#### Section 13: Disposal Considerations

Disposal methods	
Waste from residues:	Dispose of in accordance with local regulations.
Contaminated packaging:	Empty containers should be taken to an approved waste handling site for recycling or disposal. If not otherwise specified: Dispose of as unused product

#### Section 14: Transport Information

# International Regulations

UNRTDG

Not regulated as a dangerous good

#### IATA-DRG

Not regulated as a dangerous good

#### IMDG-Code

Not regulated as a dangerous good

# Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

# Domestic regulation

49 CFR

# Not regulated as a dangerous good

#### 15. Regulatory Information

#### **US Federal Regulations**

Contact PTFE COMPOUNDS for more information

# EPCRA – Emergency Planning and Community Right-to-Know

# **CERCL Reportable Quantity**

This material does not contain any components with a CERCLA RQ

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#### SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ **SARA 302 Extremely Hazardous Substances Threshold Planning Quantity** This material does not contain any components with a section 302 EHS TPQ

#### SARA 311/312 Hazards:

The Glass fibers identified as Immediate (acute) health hazard.

#### SARA 313:

Does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 31

#### TSCA Inventory Status (40 CFR 710):

All chemical substances in this material are included on or exempted from listing on the TSCA Inventory of Chemical Substances.

#### **US State Regulations:**

Contact PTFE COMPOUNDS for more information

The glass fiber used in this compound is listed in the following International Inventories:

Canada DSL	Yes
Canada NDSL	No
Australia AICS	Yes
Korea ECL	Yes
Philippines PICCS	Yes
Europe EINECS	Yes
Europe ELINCS	No
Japan ENCS	Yes
China EICSC	Yes

The glass bead used in this compound is listed in the following International Inventories:

Australia AICS	Yes	
Canada DSL	Yes	
Canada NDSL	Yes	
German Water Hazard	Classification VwVwS:	WGK Class 1 (low hazard to water)

#### **International Regulations:**

Contact PTFE COMPOUNDS for more information

#### **16. Other Information**

Revision Date:	05/28/2020
Contact person:	SDS Coordinator
	PTFE Compounds, Inc.
	Elkton, MD 21921
	(410) 392-9080 x103

The information is provided in this Safety Data Sheet is correct to the best of our knowledge, information, and belief at the date of publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal, and release and is not to be considered a warranty or quality specification. The user of this product must decide what safety measures are necessary to safely use this product, either alone or in combination with other products, and determine its environmental regulatory compliance obligations under any applicable federal or state laws.

### End of Safety Data Sheet

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