SAFETY DATA SHEET

May be used to comply with OSHA Hazcom 29 CFR 1910.1200. Standards must be consulted for specific requirements.

Revision Date: 2024-07-02

1. IDENTIFICATION

Product Name: CHARGE-GUARD™ KIT COMPONENT:
Epoxy ESD Conductive , Part A

Recommended Use: For professional use only

Supplier's details: Statguard Flooring
One Colgate Way
Canton, MA 02021
UNITED STATES
+1 781-821-8370

Email Address: Service@StatguardFlooring.com

Emergency telephone number +1 800-255-3924 (CHEMTEL)

Emergency telephone numbers are to be used only in the event of chemical emergencies involving a spill, leak, fire, exposure, or accident involving chemicals. All non-emergency questions should be directed to customer service.

2. HAZARDS IDENTIFICATION

Classification of the substance or mixture

Skin corrosion/irritation	Category 2
Skin sensitization	Category 1
Serious eye damage	Category 2
Germ cell mutagenicity	Category 2
Reproductive toxicity	Category 1B
Specific target organ toxicity (single exposure)	Category 2 Respiratory Tract Irritation
Specific target organ toxicity	Category 1
Acute aquatic toxicity	Category 2
Chronic aquatic toxicity	Category 2

Label elements

GHS label elements The product is classified and labeled according to the Globally Harmonized System (GHS)

Hazard pictograms

Signal word: Warning

Hazard statements
Causes skin irritation.
May cause an allergic skin reaction.
May cause respiratory irritation.
Causes serious eye irritation.
Toxic to aquatic life with long lasting effects.

Precautionary statements

Prevention:
Avoid breathing dust/fume/gas/mist/vapors/spray.
Wear protective gloves/protective clothing/eye protection/face protection.
Wash thoroughly after handling.
Contaminated work clothing must not be allowed out of the workplace.
Take off contaminated clothing and wash before reuse.

Avoid release to the environment. Collect spillage.

Response:
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention.

Storage:
Keep container tightly closed and locked in a cool, well-ventilated place.

Disposal:
Dispose of contents/container to an approved waste disposal plant in accordance with applicable laws and regulations, and product characteristics at time of disposal

3. COMPOSITION/INFORMATION ON INGREDIENTS

Proprietary: The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret. See Section 11 for Toxicological Information.

Components	CAS No.	Concentration
Oxirane, 2, 2'-{(1-methylethylidene) bis(4,1-phenyleneoxymethylene)]bis-,homopolymer	25085-99-88	50 - 60%
Anti-Static Agent	Proprietary	< 0.5%
Alkyl C12-C14 Glycidyl Ether	68609-97-2	10 - 20%
Benzyl Alcohol	100-51-6	10 - 20%

4. FIRST-AID MEASURES

Description of first aid measures

General information: Seek medical advice or medical attention if condition persists.

After inhalation: Move victims into fresh air. If breathing is labored, administer oxygen. If not breathing, give artificial respiration. Consult a doctor immediately.

After skin contact: Immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Take victim immediately to hospital to obtain medical attention. Destroy or thoroughly clean contaminated shoes before reuse.

After eye contact: Rinse immediately with plenty of water for 15 minutes and seek advice of an eye specialist/physician. Continue rinsing eyes during transport to hospital. Do not remove contact lens if worn.

After swallowing: Rinse out mouth, spit out liquid. Do not induce vomiting and seek medical advice immediately. Never give anything by mouth to an unconscious person.

Notes to Physician: No specific treatment. Treat symptomatically. Call the poison control center immediately if large quantities have been ingested.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media: Water fog, foam, dry chemical, carbon dioxide, dry sand.
Special Exposure Hazards: Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.
Special Protective Equipment for Fire-Fighters: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Danger of Explosion: This product does not present an explosion hazard.
Flammable Limits: Not available
Explosion Limits: Not Available
Auto-Ignition: Not Available
Flash Point: >200°C (>392°F) [DIN 51758 EN 22719 (Pensky-Martens Closed Cup)]

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions
No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment (see Section 8).

Environmental Precautions:
Water polluting material. May be harmful to the environment if released in large quantities. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform authorities if the product has caused environmental pollution (sewers, drains, waterways or soil).

Methods and Material for Containment and Clean-up:
Stop leak if without risk. Move containers from spill area. Approach release from upwind. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see section 13). Contaminated absorbent material may pose the same hazard as the spilled product. Note: See Section 1 for emergency contact information and Section 13 for waste disposal.

7. HANDLING AND STORAGE

Precautions for safe handling
Put on appropriate personal protective equipment, PPE (see Section 8). Eating and drinking should be prohibited in areas where this material is handled, stored and processed. Remove contaminated PPE or clothing, wash hands and face before eating and drinking. Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Use only in area provided with appropriate exhaust ventilation. Empty containers retain product residue and can be hazardous. Do not get in eyes, skin or clothing. Do not ingest. Avoid breathing vapor or mist. Avoid release to the environment.

Conditions for safe storage,
Store between 4 to 26°C (40 to 80°F) in accordance with local regulations away from sources of heat, ignition, and direct sunlight. Store in original container. Keep in a dry, well-ventilated area, and away from incompatible materials (see section 10). Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled or unapproved containers. Use appropriate containment to avoid environmental contamination.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Special Note for Exposure Control: Consult local authorities for acceptable exposure limits.

EXPOSURE GUIDELINES OSHA PEL (TWA): Not Determined

ACGIH TLV (TWA): Not Determined

NIOSH REL (TWA): Not Determined

Engineering Measures
No special ventilation requirements. If possible work in ventilated area. Provide natural or explosion-proof fan to ensure adequate ventilation, especially in confined area. Avoid contact with skin, eyes, and clothing.

Environmental Exposure Controls
Construct a dike to prevent spreading. Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

Hygiene Measures
Wash hands, forearms and face thoroughly after handling chemical products, before eating and drinking, smoking or using the lavatory and at the end of the working period. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Personal Protection
Respiratory protection: In case of inadequate ventilation wear VAPOR respiratory protection. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Eye/face protection: Splash proof safety glasses.

Skin protection: Neoprene rubber or plastic apron. Neoprene rubber or plastic gloves. Long sleeved clothing or wear protective sleeves. Remove and wash contaminated clothing before re-use.

Other Precautions: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Neoprene gloves. PVC disposable gloves. Nitrile rubber. Butylrubber. Impervious gloves. (The breakthrough time of the selected glove(s) must be greater than the intended use period.)

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Liquid
Odor:	Faint
Odor threshold:	No data available
pH-value:	Neutral
Melting/Freezing point:	No data available
Initial Boiling Point and Boiling Range:	320°C
Flash point:	266°C
Method:	Closed Cup
Evaporation Rate:	No data available
Flammability:	No data available
Upper/Lower Flammability or Explosize Limits:	No data available
Auto-ignition Temperature:	No data available
Vapor Pressure:	19.30 mm Hg at 70°F (21°C)
Vapor Density:	No data available
Relative Density/Specific Gravity:	No data available
Solubility(ies):	Insoluble
Partition Coefficient n-octanol/water:	No data available
Decomposition Temperature:	No data available
Viscosity:	No data available
VOC (Volatile Organic Compounds)	< 1 g/L

10. STABILITY AND REACTIVITY

Chemical stability: Stable under normal conditions. Hazardous reactions will not occur.
Conditions to be avoided: No specific data.
Substances to be avoided: Strong acids, strong bases, strong oxidizing agents.
Hazardous decomposition products: Under normal conditions hazardous decomposition products should not be produced.
Hazardous polymerization: Under normal conditions hazardous polymerization will not occur.

11. TOXICOLOGICAL INFORMATION

Toxicity Studies: Bisphenol A-(epichlorhydrin), Bisphenol A epoxy resin
Acute Oral Toxicity: Low toxicity, LD50 >2000 mg/kg.
Acute Dermal Toxicity: Low toxicity, LD50 >2000 mg/kg.
Medical Conditions Aggravated by Overexposure: Pre-existing skin disorders may be aggravated by over-exposure to this product.

Potential Chronic Health Effects
Chromic Effects: Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels.
Target Organs: No known significant effects or critical hazards.
Carcinogenicity: No known significant effects or critical hazards.
Mutagenicity: No known significant effects or critical hazards.
Teratogenicity: No known significant effects or critical hazards.
Developmental Effects: No known significant effects or critical hazards.
Fertility Effects: No known significant effects or critical hazards.

12. ECOLOGICAL INFORMATION

Environmental Effects
Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. This product shows a high bioaccumulation potential. Water polluting material. May be harmful to the environment if released in large quantities.
Biodegradability Studies: Bisphenol A-(epichlorhydrin), Bisphenol A epoxy resin.

Test	Result	Dose	Inoculum
OECD Derived from OECD 301F (Biodegradation Test)	5%-Not Readily 28 days	20 mg/L Oxygen consumption	No Data

13. DISPOSAL CONSIDERATIONS

Waste should be disposed of according to local, state, and federal regulations.
The generation of waste should be avoided or minimized wherever possible. Empty containers should be taken to an approved waste handling site for recycling or disposal. Incineration or landfill should only be considered when recycling is not feasible. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Refer to 40 CFR § 261.7 (residues of hazardous waste in empty containers).
Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

14. TRANPORTATION INFORMATION

WARNING

	UN Number	UN Proper Shipping Name	Transport Hazard Class(es)	Packing Group	Environmental Hazards
DOT	Not Regulated	Not Regulated	Not Regulated	Not Regulated	Not Regulated
IMO/IMDG	Not Regulated	Not Regulated	Not Regulated	Not Regulated	Not Regulated
IATA/CAO	Not Regulated	Not Regulated	Not Regulated	Not Regulated	Not Regulated

15. REGULATORY INFORMATION

Country	Regulatory List	Notification
USA	TSCA	Included on Inventory
EU	EINECS	Included on Inventory
Canada	DSL	Included on Inventory
China	SEPA	Included on Inventory
Japan	ENCS	Included on Inventory

OSHA - This product is considered to be a hazardous chemical under 29 CFR 1910.1200.
OSHA/HCS Classification – Irritating material, Sensitizing material.
SARA 302/304/311/312 extremely hazardous substances – No ingredients listed.
SARA 311/312 Hazard Identification - No ingredients listed.
SARA 313 - No ingredients listed.
California Safe Drinking Water & Toxic Enforcement Act (Proposition 65) - This product does not contain any chemicals known to State of California to cause cancer, birth defects or any other reproductive harm.

Test	Cancer	Reproductive	No Significant Risk level	Maximum Acceptable Dosage Level
1-chloro-2,3-epoxypropane CAS: 106-89-8	Yes	Yes	Yes	No

Canada WHMIS - Class D2B: Material causing other toxic effects.
This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the SDS contain all the information required by the Controlled Products Regulations

16. OTHER INFORMATION

Scale		NFPA	HMIS
4 – Severe Hazard	Health	2	2
3 – Serious Hazard	Flammability	1	1
2 – Moderate Hazard	Reactivity	0	0
1 – Slight Hazard			
0 – Minimal Hazard			

Personal Protection: Safety goggles, neoprene rubber gloves, vapor respirator

Revision Date: 2024-07-02

The information on this Safety Data Sheet (SDS) is based on the present state of our knowledge and current national legislation and guidelines. As the specific conditions of use of the product are outside the supplier's knowledge and control the user is responsible for ensuring that the requirements of relevant legislation are complied with. This SDS should not be construed as any guarantee of the technical performance or suitability for particular applications. Unless supplier agrees otherwise in writing, supplier makes no warranties, express or implied, and disclaims all implied warranties including warranties of merchantability or fitness for a particular use or freedom from patent infringement. Supplier will not be liable for any special, incidental, or consequential damages.

SAFETY DATA SHEET

May be used to comply with OSHA Hazcom 29 CFR 1910.1200. Standards must be consulted for specific requirements.

Revision Date: 2024-07-02

1. IDENTIFICATION

Product Name: CHARGE-GUARD™ KIT COMPONENT:
Epoxy ESD Conductive , Part B

Recommended use: For professional use only.

Supplier's details: Statguard Flooring
One Colgate Way
Canton, MA 02021
UNITED STATES
+1 781-821-8370

Email Address: Service@StatguardFlooring.com

Emergency telephone number +1 800-255-3924 (CHEMTEL)

Emergency telephone numbers are to be used only in the event of chemical emergencies involving a spill, leak, fire, exposure, or accident involving chemicals. All non-emergency questions should be directed to customer service.

2. HAZARDS IDENTIFICATION

Skin Corrosion	Category 1C
Skin Sensitization	Category 1
Serious Eye Damage	Category 1
Germ Cell Mutagenicity	Category 2
Reproductive Toxicity	Category 1B
Specific Target Organ Toxicity - Single Exposure	Category 1
Specific Target Organ Toxicity	Category 1
Acute Aquatic Toxicity	Category 1
Chronic Aquatic Toxicity	Category 1

Label elements

GHS label elements The product is classified and labeled according to the Globally Harmonized System (GHS)

Hazard pictograms

Signal word: Danger

Hazard statements

Harmful if swallowed or if inhaled.
Causes damage to organs through prolonged or repeated exposure and severe skin burns and eye damage.
May cause an allergic skin reaction.
May damage fertility or the unborn child.
Very toxic to aquatic life with long-lasting effects..

Precautionary statements

Prevention:
Do not eat, drink, or smoke when using this product.
Contaminated work clothing should not be allowed out of the workplace.
Wear protective gloves, clothing, and eye and face wear.
Avoid release to the environment.
Collect spillage.

IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+P313: If eye irritation persists: Get medical advice/attention.

Storage:
Keep container tightly closed and locked in a cool, well-ventilated place.

Disposal:
Dispose of contents/container to an approved waste disposal plant in accordance with applicable laws and regulations, and product characteristics at time of disposal.

Other Information: Not known.

General Information: This product contains no listed carcinogens according to IARC, ACGIH, NTP, and/or OSHA in concentrations of 0.1 percent or greater. Repeated or prolonged contact causes sensitization, asthma, and eczemas.

Read the entire SDS for a more thorough evaluation of the hazards

3. COMPOSITION/INFORMATION ON INGREDIENTS

The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

Components	CAS No.	Concentration
Alkylphenol	Trade secret	30 - 45%
Aliphatic Amine	Trade secret	20 - 25%
Isophorone Diamine	Trade secret	20 - 25%
Alkyletheramine	Trade secret	10 - 15%
Phenol, 4-Nonyl-, Branched	84852-15-2	6 - 10%
Alkyl Amine	Trade secret	4 - 10%
Benzyl Alcohol	Trade secret	5 - 15%

4. FIRST-AID MEASURES

General Advice: Seek medical advice or medical attention if condition persists.

Eye contact: Rinse immediately with plenty of water for 15 minutes and seek advice of an eye specialist/physician. Continue rinsing eyes during transport to hospital. Do not remove contact lens if worn.

Skin contact: Immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Take victim immediately to hospital to obtain medical attention. Destroy or thoroughly clean contaminated shoes or clothing before reuse.

Inhalation: Move victims into fresh air. If breathing is labored, administer oxygen. If not breathing, give artificial respiration. Consult a doctor immediately.

Ingestion: Rinse out mouth, spit out liquid. Do not induce vomiting and seek medical advice immediately. Never give anything by mouth to an unconscious person.

Notes to Physician: No specific treatment. Treat symptomatically. Call the poison control center immediately if large quantities have been ingested.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media: Water spray, alcohol-resistant foam, CO2, dry powder.
Unsuitable Extinguishing Media: High volume water jet.
Unusual Fire and Explosion Hazards: Firefighters should wear NFPA approved self-contained breathing apparatus and full protective clothing. Avoid contact with product. Decontaminate equipment and protective clothing prior to re-use. Toxic and irritating gases/fumes may be given off during burning or thermal decomposition.
Hazardous Decomposition Products: On combustion, toxic gases, including nitrogen oxides, carbon monoxide, carbon dioxide, tin/tin oxides.

Advice to Fire Fighters: Self-contained breathing apparatus and full protective clothing must be worn in case of fire, including self-contained breathing apparatus and NFPA compliant helmet, hood, boots and gloves. Use cold water spray to cool fire-exposed containers to minimize the risk of rupture. Toxic gases/fumes may be given off during burning or thermal decomposition.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures

Personal Precautions: No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment (see Section 8).

Environmental Precautions: Water polluting material. May be harmful to the environment if released in large quantities. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform authorities if the product has caused environmental pollution (sewers, drains, waterways or soil).

Methods for Cleaning up: Stop leak if without risk. Move containers from spill area. Approach release from upwind. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Contaminated absorbent material may pose the same hazard as the spilled product. Note: See Section 1 for emergency contact information and Section 13 for waste disposal.

7. HANDLING AND STORAGE

Precautions for Safe-Handling

Put on appropriate personal protective equipment, PPE (see Section 8). Eating and drinking should be prohibited in areas where this material is handled, stored and processed. Remove contaminated PPE or clothing, wash hands and face before eating and drinking. Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Use only in area provided with appropriate exhaust ventilation. Empty containers retain product residue and can be hazardous. Do not get in eyes, skin or clothing. Do not ingest. Avoid breathing vapor or mist. Avoid release to the environment.

Conditions for Safe Storage

Store between 4 to 26°C (40 to 80°F) in accordance with local regulations away from sources of heat, ignition, and direct sunlight. Store in original container. Keep in a dry, well-ventilated area, and away from incompatible materials (see section 10). Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled or unapproved containers. Use appropriate containment to avoid environmental contamination.

Incompatible Materials or Ignition Sources

Stable under recommended storage conditions. Do not store together with oxidizing and acidic materials. Do not store together with caustic solutions and alkalis. Store away from food. Avoid water, air humidity, oxidizing agents, cotton waste or other combustible materials. Keep away from sources of ignition - No smoking. Additional guidance on fire and explosion protection may be found in various consensus standards, including NFPA 30, 69 and 77 and API 2003 as well as OSHA regulation 29CFR1910.106.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Special Note for Exposure Control: Consult local authorities for further acceptable exposure limits.

Exposure Limits/Guidelines		
Chemical Name	**Result**	**ACGIH/OSHA**
Aliphatic Amine	STEL	No data available.
	TWA	0.100000 mg/m3 (OSHA, ACGIH, NIOSH)
	PEI	No data available.

Engineering Measures/Controls: General dilution and local exhaust as necessary to control airborne vapors, mists, dusts, and thermal decomposition products below appropriate airborne concentration standards and guidelines. A safety shower and eye wash fountain should be readily available. To identify additional Personal

Protective Equipment (PPE) requirements, it is recommended that a hazard assessment in accordance with the OSHA PPE Standard (29CFR1910.132) be conducted before using this product. Exhaust air may need to be cleaned by scrubbers or filters to reduce environmental contamination. Curing ovens must be ventilated to prevent the build-up of explosive atmospheres and to prevent off-gases from entering the workplace.

Environmental Exposure Controls: Avoid release to the environment. Construct a dike to prevent spreading of spills. Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters, or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

Hygiene Measures: Wash hands, forearms, and face thoroughly after handling chemical products, before eating and drinking, smoking, or using the lavatory, and at the end of the working period. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location. Keep away from foodstuffs, beverages, and feed.

Personal Protective Equipment

Respiratory: In case of inadequate ventilation, wear respiratory protection. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. Use positive pressure supplied air respirator when airborne concentrations are not known, when airborne levels are 10 times the appropriate TLV, and when spraying is performed or product is applied by aerosol in a confined space or area with limited ventilation. If respirators are used, a program should be instituted to assure compliance with OSHA Standard 63 FR 1152, January 8, 1998. Contact health and safety professional or manufacturer for specific information.

Eye/Face: Use chemical-resistant goggles. Chemical safety goggles in combination with a full face shield (8-inch minimum) must be used if a splash hazard exists. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU). Contact lenses should not be worn.

Hands: Use permeation resistant gloves such as neoprene or nitrile. The glove must be impermeable and resistant to the product/the substance/the preparation. Selection of the glove material does not only depend on the material, but also on its quality and varies from manufacturer to manufacturer. The resistance of the glove material and manufacture must be determined in advance of the application/use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Skin/Body: Wear rubber or plastic apron and permeation-resistant clothing, chemical-resistant gloves, and long-sleeved shirts, and pants. Gloves must be inspected prior to use. Remove and wash contaminated clothing before reuse.

General Hygiene Considerations: Keep away from food and drink. Wash hands and face after use. Educate and train workers in the safe use and handling of this product. Emergency showers and eye wash stations should be available. Follow all label instructions.

Key to Abbreviations	
ACGIH = American Conference of Governmental Industrial Hygiene MSHA = Mine Safety and Health Administration NIOSH = National Institute of Occupational Safety and Health	OSHA = Occupational Safety and Health Administration STEL = Short Term Exposure Limits are based on 15 minute exposures TWA = Time-Weighted Averages are based on 8h/day 40hr/week exposures

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Liquid, amber
Odor:	Characteristic amine
Odor Threshold:	No data available
Melting/Freezing Point:	N/A
Initial Boiling Point and Boiling Range:	100 °C (212 °F)
Evaporation Rate:	N/A
Upper/Lower Flammability or Explosive Limits:	Not applicable
Auto-ignition Temperature:	Not applicable
Vapor Pressure (25°C):	< 5.00 mmHg at 70 °F (21 °C)
Vapor Density:	N/A

Density (nominal):	68.047 lb/ft3 (1.09 g/cm3) at 70 °F (21 °C)
Solubility(ies) in water:	Soluble >500g/L
VOC (Volatile Organic Compounds):	<1 g/L
pH:	No data available
Flash Point:	201°F
Relative Density/Specific Gravity:	No data available
Partition Coefficient: n-octanol/water:	No data available
Decomposition Temperature:	No data available
Viscosity:	No data available

10. STABILITY AND REACTIVITY

Reactivity: No data available.

Chemical Stability: Stable under recommended storage conditions.

Possibility of Hazardous Reactions: May react with catalysts, oxidizing agents, peroxides, strong alkali and other radical forming substances.

Conditions to Avoid: Avoid oxidizing agents.

Incompatible Materials: Strong bases, strong oxidizing agents.

Hazardous Decomposition Products: Carbon monoxide, carbon dioxide, and nitrogen oxides.

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY

For aliphatic amine:
LD50 Oral Rat 1040 mg/kg (OCED Test Guideline 401)
LC50 Inhalation Rat 2.4 mg/l (4h)

For Alkyletheramine:
LD50 Oral Rat 1030 mg/kg (OCED Test Guideline 401)

For Isophorone Diamine:
LD50 Oral Rat 1,030 mg/kg

Other Information:
On the skin: Caustic effect on skin and mucous membranes.
On the eye: Strong caustic effect.

Sensitization:
Sensitization possible through skin contact.
Sensitizing effect through inhalation is possible by prolonged and repeated exposure.

CARCINOGENICITY

This product does not contains a component that is classifiable as to its carcinogenicity based on its IARC, ACGIH, NTP, or EPA classification: IARC, NTP, and OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen.

REPRODUCTIVE TOXICITY: Presumed human reproductive toxicant.

SPECIFIC TARGET ORGAN TOXICITY – SINGLE EXPOSURE: No data available.

SPECIFIC TARGET ORGAN TOXICITY – REPEATED EXPOSURE: No data available.

ASPIRATION HAZARD: No data available.

ADDITIONAL INFORMATION: RTECS: WH7000000.

TO THE BEST OF OUR KNOWLEDGE THE CHEMICAL, PHYSICAL, AND TOXICOLOGICAL PROPERTIES OF THIS PRODUCT HAVE NOT BEEN THOROUGHLY INVESTIGATED.

Toxicity Studies: Bisphenol A-(epichlorhydrin), Bisphenol A epoxy resin
Acute Oral Toxicity – Low toxicity, LD50 >2000 mg/kg.
Acute Dermal Toxicity – Low toxicity, LD50 >2000 mg/kg.
Medical Conditions Aggravated by Overexposure: Pre-existing skin disorders may be aggravated by over-exposure to this product.

12. ECOLOGICAL INFORMATION

Toxicity
This product is harmful to the environment. Very toxic to fish and other aquatic life with long-lasting effects.

Persistence and degradability: According to the results of tests of biodegradability, this product is partly biodegradable

Bioaccumulative potential: Although the product is partly biodegradable, significant residuals remain

Other adverse effects: No data available.

13. DISPOSAL CONSIDERATIONS

Waste Disposal: Dispose in accordance with federal, state, and local regulations.

The generation of waste should be avoided or minimized wherever possible. Empty containers should be taken to an approved waste handling site for recycling or disposal. Incineration or landfill should only be considered when recycling is not feasible. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Refer to 40 CFR § 261.7 (residues of hazardous waste in empty containers).

Empty Container Precautions: Dispose of as unused product. Do not heat or cut container with electric or gas torch. Recondition or dispose of empty container in accordance with governmental laws and regulations. Do not reuse empty container without proper cleaning. Label precautions also apply to this container when empty.

Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains, and sewers.

14. TRANSPORT INFORMATION

DANGER

	UN Number	UN Proper Shipping Name	Transport Hazard Class(es)	Packing Group	Environmental Hazards
DOT	UN2735	Polyamines, liquid, corrosive, n.o.s. (Isophorone Diamine)	8	III	Marine Pollutant
IMO/IMDG	UN2735	Polyamines, liquid, corrosive, n.o.s. (Isophorone Diamine)	8	III	Marine Pollutant
IATA/CAO	UN2735	Polyamines, liquid, corrosive, n.o.s. (Isophorone Diamine)	8	III	Marine Pollutant

Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code

15. REGULATORY INFORMATION

Country	Regulatory List	Notification
USA	TSCA	listed/registered
EU	EINECS	listed/registered
Canada	DSL	listed/registered
China	SEPA	listed/registered
Japan	ENCS	listed/registered

US Federal Regulations

U.S. – CERCLA/SARA – Hazardous Substances and their Reportable Quantities: None
U.S. – SARA – Section 311/312 Hazard Categories: None
U.S. – CERCLA/SARA – Section 302 Extremely Hazardous Substances TPQs: None
U.S. – CERCLA/SARA – Section 313 – Emissions Reporting: None
U.S. – CERCLA/SARA – Section 313 – PBT Chemical Listing: None
U.S. EPA Emergency Planning and Community Right-To-Know Act (EPCRA) SARA Title III Section 302 Extremely Hazardous Substance (40 CFR 355, Appendix A) Components: None
U.S. EPA Emergency Planning and Community Right-To-Know Act (EPCRA) SARA Title III Section 302 Extremely Hazardous Substance (40 CFR 372.65) Supplier Notification Required Components: None
U.S. Resource Conservation and Recovery Act (RCRA) Composite List of Hazardous Wastes and Appendix VIII Hazardous Constituents (40 CFR 261): Under RCRA it is the responsibility of the person who generates a solid waste, as defined in 40 CFR 261.2, to determine if that waste is a hazardous waste.

U.S. State Regulations

California Safe Drinking Water & Toxic Enforcement Act (Proposition 65) - This product does not contain any chemicals known to State of California to cause cancer, birth defects or any other reproductive harm..

Based on information provided, this product is considered “DRC Conflict Free” as defined by the SEC Conflict Minerals Final Rule (Release No. 34-67716, File No. S7-40-10, Date 08-22-2012).

16. OTHER INFORMATION

Scale		NFPA	HMIS
4 – Severe Hazard	Health	3	3
3 – Serious Hazard	Flammability	1	1
2 – Moderate Hazard	Reactivity	0	0
1 – Slight Hazard 0 – Minimal Hazard			

Personal Protection: Safety goggles, neoprene rubber gloves, vapor respirator

Revision Date: 2024-07-02

The information on this Safety Data Sheet (SDS) is based on the present state of our knowledge and current national legislation and guidelines. As the specific conditions of use of the product are outside the supplier's knowledge and control the user is responsible for ensuring that the requirements of relevant legislation are complied with. This SDS should not be construed as any guarantee of the technical performance or suitability for particular applications. Unless supplier agrees otherwise in writing, supplier makes no warranties, express or implied, and disclaims all implied warranties including warranties of merchantability or fitness for a particular use or freedom from patent infringement. Supplier will not be liable for any special, incidental, or consequential damages.

SAFETY DATA SHEET

May be used to comply with OSHA Hazcom 29 CFR 1910.1200. Standards must be consulted for specific requirements.

Revision Date: 2024-07-02

1. IDENTIFICATION

Product Name: CHARGE-GUARD™ KIT COMPONENT:
Epoxy ESD Colorant

Recommended Use: For professional use only

Supplier's details: Statguard Flooring
One Colgate Way
Canton, MA 02021
UNITED STATES
+1 781-821-8370

Email Address: Service@StatguardFlooring.com

Emergency telephone number +1 800-255-3924 (CHEMTEL)

Emergency telephone numbers are to be used only in the event of chemical emergencies involving a spill, leak, fire, exposure, or accident involving chemicals. All non-emergency questions should be directed to customer service.

2. HAZARDS IDENTIFICATION

Label elements

GHS label elements The product is classified and labeled according to the Globally Harmonized System (GHS)

Hazard pictograms

Signal word: Warning

Hazard statements
Causes skin irritation
Causes eye irritation
Causes serious eye irritation

Precautionary statements

Prevention:
Keep container tightly closed.
Avoid breathing dust/fume/gas/mist/vapors/spray
Avoid release to the environment
Wear protective gloves/protective clothing/eye protection/face protection

Response:
In case of fire, use water spray, carbon dioxide, dry chemical or foam for extinction.
IF ON SKIN(or hair), Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
IF INHALED, remove victim to fresh air and keep at rest in a position comfortable for breathing.
IF SWALLOWED, immediately call a doctor/physician.
IF IN EYES, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Do NOT induce vomiting.

If skin irritation occurs, get medical advice/attention.
If eye irritation persists, get medical advice/attention.
Take off contaminated clothing and wash before reuse.

In case of fire, use carbon dioxide, dry chemical or alcohol-resistant foam for extinction.

Storage and Disposal:

Store in well-ventilated place. Keep container closed.
Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.
Do not dump into sewers, on the ground, or into any body of water.
Disposal must be in conformance with federal, state/provincial and local laws and regulations.

CARCINOGENICITY: No carcinogenic substance as defined by IARC, NTP and /or OSHA.

Section 12 for ECOLOGICAL information.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Proprietary: The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

Components	CAS No.	Concentration
Epoxy Resins	25068-38-6	50%
Pigment Black 7	1333-86-4	Trade Secret
Titanium Dioxide	13463-67-7	Trade Secret

4. FIRST-AID MEASURES

General Advice: Get medical advice/attention if you feel unwell.
Eye contact: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
Skin Contact: Rinse skin with water/shower. If skin irritation occurs: Get medical advice/attention.
Inhalation: IF INHALED: Call a POISON CENTER or doctor if you feel unwell.
Ingestion: Do NOT induce vomiting. IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
Most important symptoms and effects, both acute and delayed
Symptoms: No information available.
Indication of any immediate medical attention and special treatment needed
Note to physicians: Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: Dry chemical, CO2, water spray or alcohol-resistant foam.

Hazards from Combustion Products: Hazardous decomposition products formed under fire conditions. - Carbon oxides

Precautions for Fire Fighters: Wear self-contained breathing apparatus for firefighting if necessary.

Hazchem Code: Not available.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures
Personal Precautions: Avoid breathing vapors or mists.
For Emergency Responders: Use personal protection recommended in Section 8.
Environmental Precautions: Do not allow into any sewer, on the ground or into any body of water. If the product contaminates lakes, rivers or sewage, inform appropriate authorities in accordance with local regulations.
Methods and material for containment and cleaning up
Methods for Containment: Prevent further leakage or spillage if safe to do so.
Methods for cleaning up: Dispose of waste product or used containers according to local regulations. Clean with detergents. Avoid solvent cleaners.

7. HANDLING AND STORAGE

Emergency Procedures: Wear protective equipment– refer to Section 8. Avoid dust formation. Do not let product enter drains.

Containment & Clean up: Sweep up and shovel. Keep in suitable, closed containers for disposal.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Control Parameters

Exposure Limits/Guidelines		
Chemical Name	**Result**	**ACGIH/OSHA**
Epoxy Resins	STEL	None Established
	TWA	60 mg/m3 ACGIH
	PEI	None Established

Appropriate Engineering Controls: It is recommended that all dust control equipment such as local exhaust ventilation and material transport systems involved in handling of this product contain explosion relief vents or an explosion suppression system or an oxygen deficient environment. Ensure that dust-handling systems (exhaust ducts, dust collectors, vessels, and processing equipment) are designed to prevent the escape of dust into the work area. Normal ventilation is adequate. Ensure eyewash and safety showers are available.

Respiratory Protection: Not required under normal conditions of use.

Protection of Skin: Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation. Select glove material impermeable and resistant to the substance.

Eye Protection: Safety glasses with side shields or goggles.

General Hygienic Measures: Wash hands before breaks, and at the end of work. Wash hands and exposed skin with soap and plenty of water. Do not eat, drink, smoke, or use personal products when handling chemical substances. Avoid dispersal of dust in air. Do not clear dust on surfaces with compressed air. Avoid inhaling dust.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Liquid pigment dispersion
Odor:	Slight Oder
Odor threshold:	No data available
pH-value:	No data available
Melting/Freezing point:	No data available
Initial Boiling Point and Boiling Range:	>300°C @ 760 mm Hg
Flash point:	177°C (PMCC)
Evaporation Rate:	No data available
Flammability:	No data available
Upper/Lower Flammability or Explosize Limits:	No data available
Auto-ignition Temperature:	No data available
Vapor Pressure:	No data available
Vapor Density:	No data available
Relative Density/Specific Gravity:	1671.578 kg/m3
Solubility(ies):	Insoluble in water
Partition Coefficient n-octanol/water:	No data available
Decomposition Temperature:	No data available
Viscosity:	No data available
VOC (Volatile Organic Compounds)	0 g/L

10. STABILITY AND REACTIVITY

Reactivity: No information available.

Chemical Stability: Stable under normal conditions.

Possibility of Hazardous Reactions: None under normal processing.

Hazardous Polymerization: None under normal processing.

Conditions to Avoid: Heat, flames and sparks.

Incompatible Materials: None known.

Hazardous Decomposition Products: Hazardous decomposition products formed under fire conditions. - Carbon oxides.

11. TOXICOLOGICAL INFORMATION

Eye Contact: May cause eye irritation.

Skin Contact: May be harmful if absorbed through skin. May cause skin irritation.

Ingestion: May be harmful if swallowed.

Inhalation: May be harmful if inhaled. May cause respiratory tract irritation.

Human/Animal data: Not available.

Carcinogenic Category: Not classified as a Carcinogen by the IARC.

Numerical measures of toxicity - Component Information
Numerical measures of toxicity - Product Information

Acute Toxicity		
Oral:	11.4 g/kg	LD50 Rat
Inhalation:	> 20 mL/kg	LD50 Rat

Chronic Toxicity: No additional information

12. ECOLOGICAL INFORMATION

Ecotoxicity: No information available
Persistence and Degradability: No information available
Bioaccumulation: No information available
Mobility: No information available
Other Adverse Effects: No information available

No environmental hazard is anticipated provided that the material is handled and disposed of with due care and attention.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste should be disposed of according to local, state, and federal regulations. Chemical residues are generally classified as special waste, and as such are covered by regulations which vary according to location. Contact your local waste disposal authority for advice or pass to a chemical disposal company. Dispose of containers with care.

Contaminated packaging: Improper disposal or reuse of this container may be dangerous and illegal. Empty containers must be scrapped or reconditioned.

14. TRANPORTATION INFORMATION

	UN Number	UN Proper Shipping Name	Transport Hazard Class(es)	Packing Group	Environmental Hazards
DOT	Not Regulated	Not Regulated	Not Regulated	Not Regulated	Not Regulated
IMO/IMDG	Not Regulated	Not Regulated	Not Regulated	Not Regulated	Not Regulated
IATA/CAO	Not Regulated	Not Regulated	Not Regulated	Not Regulated	Not Regulated

Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code.

15. REGULATORY INFORMATION

United States (USA)

SARA SECTION 311/312: Acute, Chronic

SARA 313: 1344-28-1 None
RCRA: None of the ingredients are listed
TSCA: All ingredients are listed
CERLA: None of the ingredients are listed

Prop 65:
Chemicals known to cause cancer, reproductive toxicity for males and females, and developmental toxicity:
None of the ingredients are listed.

16. OTHER INFORMATION

Scale		NFPA	HMIS
4 – Severe Hazard	Health	2	2
3 – Serious Hazard	Flammability	0	0
2 – Moderate Hazard	Reactivity	0	0
1 – Slight Hazard 0 – Minimal Hazard			

Personal Protection: Safety goggles, neoprene rubber gloves, vapor respirator.

Revision Date: 2024-07-02

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SAFETY DATA SHEET

May be used to comply with OSHA Hazcom 29 CFR 1910.1200. Standards must be consulted for specific requirements.

Revision Date: 2024-07-02

1. IDENTIFICATION

Product Name: CHARGE-GUARD™ KIT COMPONENT:
Anti-Slip Bead 50/100

Recommended Use: For residential and industrial use

Supplier's details: Statguard Flooring
One Colgate Way
Canton, MA 02021
UNITED STATES
+1 781-821-8370

Email Address: Service@StatguardFlooring.com

Emergency telephone number +1 800-255-3924 (CHEMTEL)

Emergency telephone numbers are to be used only in the event of chemical emergencies involving a spill, leak, fire, exposure, or accident involving chemicals. All non-emergency questions should be directed to customer service.

2. HAZARDS IDENTIFICATION

Eye Irritation	Category 1
Aspiration Hazard	Category 1

Label elements

GHS label elements The product is classified and labeled according to the Globally Harmonized System (GHS)

Hazard pictograms

Signal word: Warning

Hazard statements
Causes serious eye irritation
May cause respiratory irritation

Precautionary statements
Keep container tightly closed.
Wash hands thoroughly after handling.
Do not breathe dust.
Wear protective gloves/protective clothing/eye protection/face protection.

Classification: Organic Powder
OSHA 29CFR 1910.1200: Combustible dust
REGULATION (EC) No 1272/2008: Not a hazardous substance or mixture

OSHA 29CFR1910.1200
WARNING – May form combustible dust concentrations in the air
REGULATION (EC) No 1272/2008: Not a hazardous substance or mixture. These products are micronized powders. Static charges on the powders may ignite flammable atmospheres. High levels of product dust in the atmosphere may present a dust explosion hazard.

Other useful guides to handling organic powders include:
NFPA 77 Recommended Practice on Static Electricity
NFPA 654 Standard for the Prevention of Fire and Dust Explosions from the Manufacturing, Processing, and Handling of Combustible Particulate Solids
NFPA 499 Recommended Practice for the Classification of Combustible Dusts and of Hazardous

(Classified) Locations for Electrical Installations in Chemical Process Areas
OSHA 3371-08 Hazard Communication Guidance for Combustible Dusts
DUST HAZARD - Notification given pursuant to Table 1.5.2 of the 3rd Revision of GHS (2009).

3. COMPOSITION/INFORMATION ON INGREDIENTS

Proprietary: The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

Components	CAS No.	Concentration
Polypropylene homopolymer	9003-07-0	100 %

4. FIRST-AID MEASURES

Contact with Eyes
Flush with copious amounts of water for at least 15 minutes. IMMEDIATE MEDICAL ATTENTION IS NECESSARY.
Contact with Skin
If burned by hot wax, quench immediately with cold tap water. Dry burn area and loosely cover to protect against infection. Do not apply ointment or salves. IMMEDIATE MEDICAL ATTENTION IS NECESSARY.
Inhalation
Treat as a nuisance dust. Remove victim to fresh air and provide oxygen if breathing is difficult. Immediate medical attention not normally required. No delayed effects expected.
Ingestion
If large quantities are ingested – IMMEDIATE MEDICAL ATTENTION IS NECESSARY. Do not give anything to an unconscious person.
Acute
None known.
Delayed and Chronic Effects
None known. Not listed by NTP, IARC, or OSHA as a carcinogen.

5. FIRE-FIGHTING MEASURES

OSHA FLAMMABILITY CLASS: Combustible solid

Suitable Extinguishing Media
Carbon Dioxide (CO2), dry chemical or fine water spray. Avoid water stream on molten burning material as it may scatter and spread the fire.

Special Protective Equipment for Fire-Fighting
Wear self-contained breathing apparatus and protective clothing approved by NIOSH. Watch footing on floors and stairs because of possible melting and spreading of material. Use spray to keep containers cool.

Special Risks: Unusual Fire and Explosion Hazards

Flash point >530°F (277°C).
Melts in proximity to fires, causing slippery floors and stairs. When powder is suspended in air, these products could be FLAMMABLE/EXPLOSIVE.
In these circumstances, keep away from heat, sparks and open flames. Static charges on powders or powders in liquids may ignite flammable atmospheres. See Section 7 "HANDLING AND STORAGE" for suggestions on how to use these products under such conditions. Also refer to NFPA Bulletin 654, "Prevention of Fire and Dust Explosions in the Chemical, Dye, Pharmaceutical, and Plastics Industries", for safe handling procedures.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures
Wear rubber boots with slip-resistant soles, and NIOSH-approved dust respirator where dust occurs. See section 8.
Environmental Precautions:
Sinks in water. No known hazard to aquatic life.

Methods and Materials for Containment and Clean-up:
Collect with HEPA Filter Dust Collector. Ensure adequate ventilation. Do not walk through spilled material. Avoid Static charge at high levels.

7. HANDLING AND STORAGE

Precautions for Safe-Handling
Avoid contact with skin, eyes, and clothing. Wash hands before eating or drinking. Avoid accumulation of dust. Use only in well-ventilated areas.

Conditions for Safe Storage
Store in the original container in a cool, dry, well-ventilated area. Keep containers tightly sealed.
Storage temperature: Ambient.
Storage life: N/A

Incompatible Materials
Dissolves in hydrofluoric acid.

Extra Information
- Avoid projections and probes that could lead to discharge between the charged polymer and probe.
- Never pour micronized polymers or waxes from a drum or large container directly into hot flammable solvents.
- Add micronized polymers or waxes slowly and in small quantities to hot flammable solvents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Control Parameters

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Organic Powder	-	LTEL TWA 10-15 mg/m3 (total dust) 3-5 mg/m3 (respirable)	IDLH: - TWA: - TWA: -

Engineering Controls: Use adequate ventilation during heating processes or if dusty conditions prevail when handling powdered materials. For storage and ordinary handling, general ventilation is adequate.
Respiratory protection: Use a NIOSH-approved dust respirator with powdered wax. During melting or conveying in molten state, use organic vapor respirator.
Ventilation: Face velocity greater than 60 cfm (adequate to capture wax dust or fumes).
Eye/face protection: Chemical goggles around molten material and in dusty conditions.
Skin protection: Use heat resistant, impervious gloves to avoid repeated/prolonged skin contact with molten material and powder. Other protective garments as necessary.
Other Personal Protective Equipment: As needed to prevent repeated/prolonged contact.
Work/Hygienic Practices: Wash skin thoroughly with soap and warm water after handling and before smoking, eating, or applying makeup. If clothes become contaminated, change to clean clothing. Do not wear contaminated clothing until properly laundered. Further information relating to the safe handling and use of fluorocarbon polymers may be found in DWE (NIOSH), Publication No. 77-193.
Exposure Guidelines: Powdered forms may generate nuisance particulates upon handling.
ACGIH TLV = 10mg/m3. OSHA PEL 5mg/m3.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	solid, white powder
Odor:	No Information Available
Odor threshold:	No Information Available
pH-value:	8
Melting/Freezing point:	330°C
Initial Boiling Point and Boiling Range:	No Information Available
Flash point:	> 530°F
Evaporation Rate:	No Information Available
Flammability:	No Information Available
Upper/Lower Flammability or Explosize Limits:	No Information Available
Auto-ignition Temperature:	No Information Available
Vapor Pressure:	No Information Available
Vapor Density:	No Information Available
Relative Density/Specific Gravity:	0.90 g/cc
Solubility(ies):	No Information Available

Partition Coefficient n-octanol/water:	No Information Available
Decomposition Temperature:	No Information Available
Viscosity:	No Information Available
VOC (Volatile Organic Compounds)	0 g/L

10. STABILITY AND REACTIVITY

Reactivity: None under normal conditions.
Chemical Stability: Stable under normal conditions.
Possibility of Hazardous Reactions: None under normal processing.
Condition(s) to Avoid: Extreme heat, sparks and open flame.
Substance(s) to Avoid: Pre-mixing over 24hours prior to application. Strong oxidizing agents and amines.
Hazardous Decomposition Product(s): These products may emit oxides of carbon and nitrogen.

11. TOXICOLOGICAL INFORMATION

Treat as nuisance dust.
After inhalation: Inhalation of the dust may cause breathlessness, coughing, tightness of the chest and difficulty in breathing.
After eye contact: Slightly irritating to the eye. Avoid getting product airborne.
After skin contact: Slightly irritating to the skin.
After ingestion: No data.
Irritation: Causes eye irritation. May cause respiratory irritation. May cause transient irritation.
Corrosivity: No data.
Sensitization: No data.
Repeated Dose Toxicity: None known.
Mutagenicity: No data.
Toxicity for Reproduction: No data.

12. ECOLOGICAL INFORMATION

WASTE DISPOSAL METHOD: Assume conformity with applicable disposal regulations. Preferred method of disposal is in closed containers of enough strength to eliminate leakage at approved incineration or chemical landfill waste disposal site in accordance with local regulations. Sewage disposal is discouraged.

Toxicity: No known reports of ecotoxicity to the environment.
Persistence and Degradability: Persistent but inert in aquatic systems.
Bio accumulative Potential: The product will not bioaccumulate up the food chain.
RCRA: Is the unused product a RCRA hazardous waste if discarded? No.

SECTION 13: DISPOSAL CONSIDERATIONS

Disposed material is not a hazardous waste. Disposal should be in accordance with local, state or national legislation. Containers must not be punctured or destroyed by burning, even when empty..

14. TRANPORTATION INFORMATION

	UN Number	UN Proper Shipping Name	Transport Hazard Class(es)	Packing Group	Environmental Hazards
DOT	Not Regulated	Not Regulated	Not Regulated	Not Regulated	Not Regulated
IMO/IMDG	Not Regulated	Not Regulated	Not Regulated	Not Regulated	Not Regulated
IATA/CAO	Not Regulated	Not Regulated	Not Regulated	Not Regulated	Not Regulated

The transportation information listed above is suitable for all modes of transportation. TDG, IMO/IMDG, ICAO/IATA, 49 CFR.

15. REGULATORY INFORMATION

United States:
TSCA (Toxic Substance Control Act): This product or its components are listed on the TSCA Inventory. This product or its components do not contain any chemicals subject to any rules or orders under TSCA sections 4, 5, 6, 7, or 8(d).
SARA 311/312—Hazard Categories: Immediate/Acute Health (irritant): YES
SARA 302—Extremely Hazardous Substances: Not hazardous
SARA 313—Toxic Chemicals: Not toxic
CERCLA (Comprehensive Environmental Response Compensation and Liability Act): Not established
CAA (Clean Air Act 1990): No data
CWA (Clean Water Act): No data
California Safe Drinking Water & Toxic Enforcement Act (Proposition 65) - This product does not contain any chemicals known to State of California to cause cancer, birth defects or any other reproductive harm.

Canada
WHMIS Classification: No data
Canada (DSL/NDSL): No data
Canada Ingredient Disclosure List (CIDL): No data
Chemical Safety Assessment: Glass is regarded by FDA as Generally Recognized As Safe (GRAS) for use in contact with food.

16. OTHER INFORMATION

Scale		HMIS
4 – Severe Hazard	Health	1
3 – Serious Hazard	Flammability	1
2 – Moderate Hazard	Reactivity	0
1 – Slight Hazard 0 – Minimal Hazard		

Personal Protection: Safety goggles, neoprene rubber gloves, N95 respirator
Additional Information: The accumulation of airborne dust particles may lead to health and safety risks in some cases. The use of good industrial practices will mitigate this risk.
The health risks from inhalation of dust particles vary; this is due to particle concentration, exposure length, number of exposures and type of particles inhaled. Please read Sections 2,4,6,7 and 8 of the SDS to understand these potential risks. Wear personal protective equipment and follow storage and handling procedures to maintain a safe workplace.
In rare instances, combustible dusts may represent a potential explosion hazard when airborne. This hazard is often associated with organic dust such as foodstuffs and coal but may also occur with mineral products. While the majority of our products would be considered non-combustible, the overall airborne environment should be considered when determining the need for mitigation from.

Revision Date: 2024-07-02

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