

ESGARD PERMAGARD 203 ALL SEASON EPOXY PART A

1 PRODUCT AND COMPANY IDENTIFICATION

Product Identifier: ESGARD PERMAGARD 203 ALL SEASON EPOXY PART A
SDS Number: ESGARD P.G. 203 A
Product Code: N/A
Revision Date: 06/01/2015
Version: 1
CAS Number: 64742-95-6
Chemical Formula: *** PROPRIETARY ***
Product Description: RUST INHIBITIVE EPOXY FOR MIL-PRF-23236 (B)
Product Use: 203 IS A MIL-PRF-23236 (B) QUALIFIED AND APPROVED PRODUCT THAT IS USED AS A PRIMER, INTERMEDIATE, AND FINISH COAT IN HEAVY DUTY AND INDUSTRIAL/MARINE ENVIRONMENTS.
Supplier Details: ESGARD
 515 DEBONNAIRE ROAD
 SCOTT, LOUISIANA 70583

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HAZMAT & 24 HOUR CONTACT INFORMATION
 CHEMTREC - 1 (800) 424-9300

2 HAZARDS IDENTIFICATION

Classification of the substance or mixture

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS):

Physical, Flammable Liquids, 3
 Health, Carcinogenicity, 1 B
 Health, Aspiration hazard, 1
 Health, Serious Eye Damage/Eye Irritation, 2 A
 Health, Skin corrosion/irritation, 2
 Environmental, Hazards to the aquatic environment - Chronic, 2
 Health, Skin sensitization, 1

GHS Label elements, including precautionary statements

GHS Signal Word: DANGER

GHS Hazard Pictograms:



GHS Hazard Statements:

H226 - Flammable liquid and vapor
 H350 - May cause cancer
 H304 - May be fatal if swallowed and enters airways
 H319 - Causes serious eye irritation
 H315 - Causes skin irritation
 H411 - Toxic to aquatic life with long lasting effects
 H317 - May cause an allergic skin reaction

GHS Precautionary Statements:

- P102 - Keep out of reach of children.
- P210 - Keep away from heat/sparks/open flames/hot surfaces. No smoking
- P404 - Store in a closed container.
- P411 - Store at temperatures not exceeding 100°F (35° C)

Hazards not otherwise classified (HNOC) or not covered by GHS

- Inhalation:** Significant levels of vapor not likely to occur with normal use of product.
- Eye Contact:** May cause irritation.

3 COMPOSITION/INFORMATION ON INGREDIENTS**Ingredients:**

Cas#	%	Chemical Name
64742-95-6	01-06%	Aromatic Solvent Naphtha
25068-38-6	30-55%	Epoxy Resin

4 FIRST AID MEASURES

- Inhalation:** Not a direct hazard if product is applied as recommended and used for intended purposes. If respiratory symptoms should develop move personnel away from source of exposure and into fresh air.
- Skin Contact:** Wipe excess material from skin with a cloth. Wash contaminated area of skin with a waterless skin cleanser once all product is removed wash with soap and water. Should a waterless skin cleanser not be available wash skin for a minimum of 15 minutes with soap and water.
- Eye Contact:** Flush with large amounts of water for a minimum of 15 minutes. If irritation persists seek medical attention immediately.
- Ingestion:** Not a direct hazard if product is applied as recommended and used for intended purposes. If ingestion should occur seek medical attention immediately.

5 FIRE FIGHTING MEASURES

- Flammability:** Will readily ignite.
- Flash Point:** 95° F (35° C) PMCC
- Flash Point Method:** Pensky-Martens Closed Cup Test
- Extinguishing Media:** Extinguish with dry chemical, CO2, water spray, foam, sand, and/or earth. Water and foam may cause frothing.
- Special Considerations:** Fire fighters should enter area wearing positive pressure respiratory protection.

6 ACCIDENTAL RELEASE MEASURES

- Personal Precautions:** No action should be taken that may involve personal risk. In the event of a spill immediately contact upper management for final instructions. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled materials. No smoking. Shut off and keep spilled product away from all possible ignition sources. Avoid breathing and vapor or mist that may be produced. Ensure proper ventilation. Don appropriate personal protective equipment before proceeding with any cleanup **(See section 8)**.
- Environmental Precautions:** Avoid dispersal of spilled material and runoff from contacting soil, waterways, drains, and sewers. Inform all relevant authorities if the product has caused environmental pollution to sewers, waterways, soil, air, etc.
- Spill containment and clean up:** Consult with management or proper authority to determine if cleanup may be conducted safely. Avoid the use of any high powered or jet water stream that may spread the product. After donning proper personal protective equipment **(See section 8)** transfer bulk of material into another container. Dilute with water and mop up if product is water-soluble if not absorb any remaining residue with proper absorbents such as earth or vermiculite. Do not use any combustible material as an absorbent. Sweep up and dispose of as solid waste in accordance with applicable federal, state, and local regulations. Contact a certified/licensed waste disposal company for proper disposal of waste. Absorbent material may pose the same hazard (if any) as the spilled product.

7 HANDLING AND STORAGE

Handling Precautions: Avoid contact with skin and eyes. Observe good standards of industrial hygiene. Keep away from sources of ignition.

Storage Requirements: Storage Temperature: 0-100°F (-18 -35° C)
Storage Precautions: Keep in closed containers away from heat, sparks, and flames.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Provide forced air ventilation when applying in confined spaces.
Personal Protective Equipment: HMIS PP, C | Safety Glasses, Gloves, Apron
Respiratory Protection: Unlikely to be necessary. Use approved chemical filter respirator.
Eyes: Use of safety glasses or chemical eye goggles is suggested.
Hands: Use of non-natural and non-butyl rubber gloves is recommended.
Skin: Use protective clothing. Use of pants, long sleeve shirt, and apron recommended when applying product

Exposure Limits: Not determined.

Always practice good hygiene. Remember chemicals can transfer from your hands to things that may cause ingestion of product, e.g., food, cigarettes, etc. Always wash hands and skin thoroughly after coming into contact with product even if proper personal protective equipment was used.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Color can vary	Odor:	Mild
Physical State:	Liquid	Solubility:	Not water soluble
Spec Grav./Density:	(25°C): 1.50	Freezing/Melting Pt.:	Not determined
Boiling Point:	> 300°F (148°C)	Flash Point:	95° F (35° C) PMCC
Vapor Pressure:	Not determined	VOC:	224 g/l (1.87 lbs/gal)
pH:	7.5		
Volume Solids:	75%		

10 STABILITY AND REACTIVITY

Chemical Stability: Product is stable under normal conditions.
Conditions to Avoid: Exposed flames; high temperature sources; strong oxidizers
Materials to Avoid: Strong Oxidizing Agents.
Hazardous Decomposition: Combustion can produce a variety of compounds including oxides of sulfur, oxides of carbon, water vapor, and unidentified organic and inorganic compounds - some of which may be toxic.

11 TOXICOLOGICAL INFORMATION

LD50 (Animal/Oral): LD50RAT>75600mg/kg

Possible Health Effects:

Eyes - Mildly irritating

Skin - Prolonged contact may cause skin irritation

Inhalation - Product is unlikely to present any significant hazard during normal of product use at ambient temperature. Should product be sprayed and inhaled due to the lack of personal protective gear or proper ventilation pulmonary abnormalities could occur.

Ingestion - Ingestion of this product is not a health hazard likely to arise when using and applying product correctly and for intended use.

12 ECOLOGICAL INFORMATION

13 DISPOSAL CONSIDERATIONS

Product, waste, and any materials that may have been used if a spill occurred should be disposed of via an authorized waste disposal contractor in accordance with all local, state, and federal regulations. You may call Esgard to discuss the possibility of returning waste, expired product, and contaminated materials to Esgard for a fee.

14 TRANSPORT INFORMATION

UN1263, Paint including paint, lacquer, enamel, stain, shellac solutions, varnish, polish, liquid filler, and liquid lacquer base, 3, PGII LIMITED QUANTITY PACKAGING

15 REGULATORY INFORMATION

Component (CAS#) [%] - CODES

Aromatic Solvent Naphtha (64742-95-6) [05-25%] TSCA

Phenol, 4,4'-(1-methylethylidene)bis-, polymer with (chloromethyl)oxirane (25068-38-6) [n/a%] TSCA

Regulatory CODE Descriptions

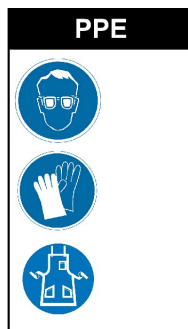
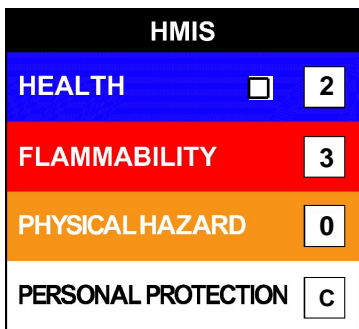
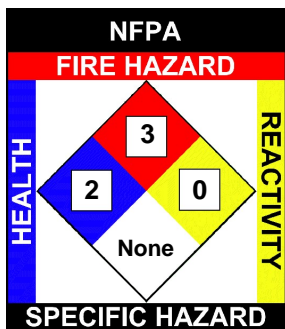
TSCA = Toxic Substances Control Act

16 OTHER INFORMATION

NFPA: Health = 2, Fire = 3, Reactivity = 0, Specific Hazard = None

HMIS III: Health = 2, Fire = 3, Physical Hazard = 0

HMIS PPE: C - Safety Glasses, Gloves, Apron



General Safety: Anyone can fall into a container and drown - drowning can occur in a very small amount of water or product that covers the mouth and/or nose. Keep product out of reach of children and dispose of container properly (as discussed in section 13) when empty or there is no longer a need for the use of this product.

Do not mix with other chemicals

This data sheet does not constitute as an assessment of the workplace risks as required under the provisions of the Health & Safety at Work Act and the Control of Substances Hazardous to Health. (COSHH)

Disclaimer:

Although reasonable care has been taken in the preparation of this document, we extend no warranties and make no representations as to the accuracy or completeness of the information contained herein, and assume no responsibility regarding the suitability of this information for the user's intended purposes or for the consequences of its use. Each individual should make a determination as to the suitability of the information for their particular purpose(s).

All information contained within this data sheet is not claiming characteristics of the product in term of legal claims of performance / guarantee.

All information contained within this data sheet only describes safety measures and no liability may arise from the use or application of the product described herein.

All information contained within this data sheet is given in good faith and based on our current knowledge of the product.

