

SAFETY DATA SHEET

Port & Surface 5/30 Part A

Section 1. Identification

GHS product Identifier : Port & Surface 5/30 Part A
Other means of identification : Not available

Relevant identified used of the substance or mixtures and uses advised against

Port & Surface 5/30 is a high-strength, two-part, solvent free, moisture insensitive, room temperature curing smooth paste epoxy adhesive system designed for use with urethane injection. It is designed to permanently secure surface injection ports and seal cracks prior to urethane injection.

Supplier's details : Polyguard Products, Inc.
4101 South Interstate 45
Ennis, TX 75119
Tel: (800) 541-4994

Emergency telephone number) with hours of operation) : CHEMTREC, US 1-800-424-9300 International 1-703-527-3887
: (24/7)

Section 2. Hazards identification

OSHA/HCS status : This material is considered hazardous by the OSHA Hazardous Communications Standard (49CFR1910.1200) .
Classification of the substance or mixture : Skin Sensitization- Category 1

GHS label elements
Hazard pictogram



Signal word : Warning
Hazard statement : Causes skin and eye irritation
May cause an allergic skin reaction.

Precautionary statements
Prevention

: Wear protective gloves and clothing. Wear eye or face protection. Where proper respiratory protection. Use only outdoors or in well ventilated area. Avoid breathing vapor. Wash hands thoroughly after handling. Contaminated work clothing should not be allowed out of the work place. Wear protective gloves and clothing Do not eat, drink or smoke when using this product.

Response

: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or physician if you feel unwell. If experiencing respiratory symptoms: Call a POISON CENTER or physician. IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing. Wash contaminated clothing before reuse and discard shoes. If skin irritation or redness or burning sensation develop after washing: Get medical attention. IF IN EYES; Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention. If swallowed: rinse mouth with water. Do not induce vomiting. Seek medical attention.

Section 2. Hazards identification

- Storage** : Store locked up. Store in a well-ventilated place. Keep cool.
- Disposal** : Dispose of contents and container in accordance with all local, regional, national and international regulations.
- Hazards not otherwise classified** : None known

Section 3. Composition/information on ingredients

- Substance/Mixture** : Mixture
- Other means of identification** : Not available

| Ingredient name | % | CAS Number |
|------------------------------------|-------|------------|
| Bisphenol a/diglycidyl Ether Resin | 30-90 | 25068-38-6 |
| Talc | 0-50 | 14807-96-6 |
| Fumed Silica | 0-5 | 67762-90-7 |
| Cresyl Glycidyl Ether | 3-5 | 2210-79-9 |

Any concentration shown as a range is to protect confidentiality or is due to batch variation. Occupational exposure limits, if available, are listed in Section 8.

Section 4. First aid measures

Description of necessary first aid measures.

- Eye contact** : IF IN EYES; Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention.
- Inhalation** : IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or physician if you feel unwell. If experiencing respiratory symptoms: Call a POISON CENTER or physician.
- Skin contact** : IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing. Wash contaminated clothing before reuse. If skin irritation or redness or burning sensation develop after washing: Get medical attention.
- Ingestion** : If swallowed: rinse mouth with water. Do not induce vomiting. Seek medical attention.

Section 4. First aid measures

Most important symptoms/effects, acute and delayed

Potential acute health effects

- Eye contact** : May cause mild eye irritation. Prolonged contact with the eyes may cause reversible corneal opacity to occur, with no visual impairment expected.
- Inhalation** : No information available.
- Skin contact** : Exposure may cause moderate irritation, sensitization and dermatitis. May cause allergic skin reaction.
- Ingestion** : No information available.

Section 4. First aid measures

Over-exposure signs/symptoms

- Eye contact** : Adverse symptoms may include the following:
Pain or irritation,
Watering,
Redness.
- Inhalation** : No information available.
- Skin contact** : Adverse symptoms may include the following:
Irritation
Redness
Sensitization
Dermatitis
- Ingestion** : No information available.

Indication of immediate medical attention and special treatment needed, if necessary.

- Notes to physician:** : Symptomatically treatment and supportive therapy as indicated.
- Protection of first-aiders:** : No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing the aid to give mouth to mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

Section 5. Fire-fighting measures

Extinguishing media

- Suitable extinguishing media** : Use CO₂, dry chemical or foam.
- Unsuitable extinguishing media** : Where the fire is of major proportions, water spray may be also be used. Water or foam may cause frothing if liquid is burning, but it still may be a useful extinguishing agent if carefully applied to the fire.
- Specific hazards arising from the chemical** : Toxic vapors are released in fire situations.
- Hazardous thermal decomposition products** : Decomposition products may include the following materials: Carbon Monoxide, Carbon Dioxide, acrid smoke/fumes and other toxic fumes.
- 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 a positive pressure mode. Protective clothing should be worn.

Section 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures.

- For non emergency personal** : 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 thru spilled material. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment(see section 8).
- For emergency responders** : If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel.
- Environmental precautions** : Avoid disposal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil, or air).

Section 6. Accidental release measures

Methods and materials for containment and cleaning up : For small spills absorb with a rag and place in a chemical waste container for proper disposal. For large spills, absorb with dry chemical absorbent, earth, sand or any other inert material. Place in a chemical waste container for proper disposal.

Section 7. Handling and storage

Precautions for safe handling Protective measures

: Put on appropriate personal protective equipment (see Section 8). Avoid exposure – obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on the skin or clothing. Do not ingest. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Keep in original container or an approved alternative made from compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous.

Advice on general occupational hygiene

: Eating, drinking and smoking should be prohibited in areas where material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See section 8 for additional information on hygiene measures.

Conditions for safe storage, including any incompatibilities

: Store in accordance with local regulations. Keep container tightly closed in a cool, well ventilated place. Keep away from moisture.

Section 8. Exposure controls/personal protection

Control parameters

Appropriate engineering controls

: Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

Environmental exposure controls

: 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 measure:

: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking, and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the work station.

Eye/face protection

: Chemical splash goggles or safety glasses or full face shield complying with an approved standard should be used when risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases and dusts. If vapor exposure causes eye discomfort, use a full face respirator with the proper cartridges or an air supplied respirator.

Section 8. Exposure controls/personal protection

Skin Protection

Hand protection

: Use chemical resistant gloves protective gloves. Examples of gloves material that might prove suitable protection include: Butyl rubber, Polychloroprene (Neoprene*), Nitrile/butadiene rubber (“ nitrile” or “NBR”).

Body protection

: Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. Recommended: Overall made of Saranex coated Tyvek.

Other skin protection

: Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Respiratory protection

: Use a properly fitted, air purifying or supplied air respirator complying with an approved standard if a risk assessment indicates this is necessary. 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.

Other

: Disposable containers and paper on work area. Use of barrier cream recommended. Use appropriate equipment to prevent eye or skin contact.

Section 9. Physical and chemical properties

Appearance

Physical state

: Liquid

Color

: White

Odor

: Not available

Odor threshold

: Not available

pH

: Not available

Melting point

: Not available

Boiling point

: >200 °F

Flash Point

: > 200 °F (TCC)

Evaporation rate:

: <1 (butyl acetate=1)

Flammability(solid, gas)

: Not determined

Lower & upper explosive (flammable) limits

: Not determined

Vapor density

: >1 (air=1)

Vapor pressure

: < 1 TORR @ 180° C

Relative density

: 11.0 lbs/gal

Solubility

: insoluble in water

Partition coefficient: n-octanol/water

: Not available

Auto- ignition temperature

: Not available

Decomposition temperature

: Not available

VOC

: Not available

Viscosity

: Not Available

Specific Gravity

: 1.32 (water=1)

Section 10. Stability and reactivity

Reactivity

Chemical stability

: Stable at room temperature.

Conditions to avoid:

: Elevated temperatures, container contamination.

Incompatible materials

: Strong oxidizers, strong acids or bases in bulk

Hazardous decomposition products

: Combustion products may include: Carbon oxides (CO, CO₂), aldehydes, and other organics.

Section 11. Toxicological information

Information on toxicological effects

Acute toxicity

| Product/ingredient name | Test | Endpoint | Species | Result |
|-------------------------------------|---------------|----------|---------|-------------|
| Bisphenol A diglycidal ether resins | Oral Toxicity | LD50 | Rabbit | >4000 mg/kg |

Specific target organ toxicity(single exposure)

Not available

Specific target organ toxicity(repeated exposure)

Not available

Aspiration hazard

Not available

Information on the likely routes of exposure: : Inhalation, skin ,eyes and ingestion

Potential acute health effects

Eye contact

: May cause mild eye irritation. Prolonged contact with the eyes may cause reversible corneal opacity to occur, with no visual impairment expected.

Inhalation

: No information available.

Skin contact

: Exposure may cause moderate irritation, sensitization and dermatitis. May cause allergic skin reaction.

Ingestion

: No information available.

Symptoms related to the physical , chemical and toxicological characterisitics

Eye contact

: Adverse symptoms may include the following:
Pain or irritation,
Watering,
Redness.

Inhalation

: No information available.

Skin contact

: Adverse symptoms may include the following:
Irritation
Redness
Sensitization
Dermatitis

Ingestion

: No information available.

Delayed and immediate effects and also chronic effects from short and long term exposure

Short term exposure

Potential immediate effects

: Not available

Potential delayed effects

: Not available

Long term exposure

Potential immediate effects

: Not available

Potential delayed effects

: Not available

Potential chronic health effects

General

: Not available

Carcinogenicity

: Not available

Mutagenicity

: No known significant effects or critical hazards

Teragenicity

: 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

Numerical measures of toxicity

Section 12. Ecological information

Toxicity : No data available.

Section 13. Disposal considerations

Disposal methods : The generation of waste should be avoided or minimized wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe way. Dispose of surplus and non- recyclable product via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the regulations of environmental protection and waste disposal legislation and any regional local authority requirements. A void dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Disposal should be in accordance with applicable regional, local, national and local laws and regulations.

Section 14. Transport information

Proper shipping name

DOT/IATA/IMDG : Not regulated

Section 15. Regulatory information

Safety, health and environmental regulations specific for the product

United States Regulations

TSCA 8(b) inventory

: All components are listed or exempted.

SARA 311/312

: Immediate (acute) health hazard, Delayed Health Hazard.

SARA 313 Form R- Reporting requirements

: This product does not contain chemical components that are reportable under SARA 313.

Section 16. Other information

Date of revision : 6/8/15

Date of previous issue : 8/13/13

Revisions: : Revision to entire document for compliance of new HazCom rules.

Version : 4

Prepared by : C. Rogalski

Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

SAFETY DATA SHEET

Port & Surface 5/30 Part B

Section 1. Identification

GHS product Identifier : Port & Surface 5/30 Part B
Other means of identification : Not available

Relevant identified used of the substance or mixtures and uses advised against

Port & Surface 5/30 is a high-strength, two-part, solvent free, moisture insensitive, room temperature curing smooth paste epoxy adhesive system designed for use with urethane injection. It is designed to permanently secure surface injection ports and seal cracks prior to urethane injection.

Supplier's details : Polyguard Products, Inc.
4101 South Interstate 45
Ennis, TX 75119
Tel: (800) 541-4994

Emergency telephone number) with hours of operation) : CHEMTREC, US 1-800-424-9300 International 1-703-527-3887
: (24/7)

Section 2. Hazards identification

OSHA/HCS status : This material is considered hazardous by the OSHA Hazardous Communications Standard (49CFR1910.1200) .

Classification of the substance or mixture : Acute toxicity: Oral- Category 4
Acute toxicity: Dermal- Category 4
Acute toxicity: Inhalation- Category 4
Skin corrosion/Irritation- Category 1
Eye Damage/Eye Irritation- Category 1
Sensitization- Respiratory- Category

GHS label elements
Hazard pictogram



Signal word : Danger

Hazard statement : Harmful if swallowed.
Harmful in contact with skin.
Harmful if inhaled.
Causes severe skin burns and eye damage
Causes serious eye damage.
May cause allergy or asthma symptoms or breathing difficulties if inhaled.

Precautionary statements
Prevention

: Wear protective gloves and clothing. Wear eye or face protection. Wear proper respiratory protection if required. Use only outdoors or in well ventilated area. Avoid breathing vapor/mists. Wash hands thoroughly after handling. Contaminated work clothing should not be allowed out of the work place. Do not eat, drink or smoke when using this product.

Section 2. Hazards identification

| | |
|---|---|
| Response | : IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or physician if you feel unwell. If experiencing respiratory symptoms: Call a POISON CENTER or physician. IF ON SKIN (or hair) Take off immediately all contaminated clothing. Rinse skin with water/shower. IF ON SKIN: Wash with plenty of soap and water. Call Poison Center or Doctor if you feel unwell. Take off contaminated clothing and wash before reuse. If skin irritation or redness or burning sensation develop after washing: Get medical attention. IF IN EYES; Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention. If swallowed: Call a poison center/doctor: if you feel unwell .Rinse mouth with water. Do not induce vomiting. Seek medical attention. |
| Storage | : Store locked up. Store in a well-ventilated place. |
| Disposal | : Dispose of contents and container in accordance with all local, regional, national and international regulations. |
| Hazards not otherwise classified | : None known |

Section 3. Composition/information on ingredients

| | |
|--------------------------------------|-----------------|
| Substance/Mixture | : Mixture |
| Other means of identification | : Not available |

| Ingredient name | % | CAS Number |
|---------------------------|-------|--------------|
| Proprietary Polyamine | 5-10 | proprietary |
| Wollastonite | 40-50 | 13983-17-0 |
| Proprietary Polymercaptan | 15-25 | Trade secret |
| Diethylene Triamine | <5 | 111-40-0 |
| Talc | < 10 | 14807-96-6 |
| Fumed Silica | < 5 | 67762-90-7 |
| Terepene Hydrocarbon | 3-7 | 8002-09-3 |
| Furfuryl Alcohol | 1-5 | Trade Secret |

Any concentration shown as a range is to protect confidentiality or is due to batch variation. Occupational exposure limits, if available , are listed in Section 8.

Section 4. First aid measures

Description of necessary first aid measures.

Eye contact

Inhalation

: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or physician if you feel unwell. If experiencing respiratory symptoms: Call a POISON CENTER or physician.

Skin contact

: IF ON SKIN (or hair) Take off immediately all contaminated clothing. Rinse skin with water/shower. IF ON SKIN: Wash with plenty of soap and water. Call Poison Center or Doctor if you feel unwell. Take off contaminated clothing and wash before reuse. If skin irritation or redness or burning sensation develop after washing: Get medical attention.

Ingestion

: If swallowed: Call a poison center/doctor: if you feel unwell .Rinse mouth with water. Do not induce vomiting. Seek medical attention.

Section 4. First aid measures

Most important symptoms/effects, acute and delayed

Potential acute health effects

- Eye contact** : Corrosive to eyes. Severe eye irritant. Burns to eyes may cause blindness. Contact with undiluted product with the eyes quickly causes severe irritation and pain and may cause burns, necrosis and permanent injury.
- Inhalation** : May cause respiratory sensitization. Inhalation of aerosol, mist, fog may cause harm if inhaled. Inhalation of aerosols and mists may severely damage contacted tissue and produce scarring. Risk of exposure to hazardous concentrations of vapor under normal working conditions in a well ventilated space is minimal. However conditions such as spraying, or sudden release of hot liquids, which generate an aerosol, mists or fog should be avoided.
- Skin contact** : Harmful in contact with skin. Corrosive to skin. Severe skin irritant. May cause skin sensitization. Contact with undiluted product with the eyes quickly causes severe irritation and pain and may cause burns, necrosis and permanent injury. Product is readily absorbed through the skin and may cause nausea, headache and general discomfort.
- Ingestion** : No information available.

Over-exposure signs/symptoms

- Eye contact** : Adverse symptoms may include the following:
Severe irritation and pain
Chemical burns of the eye
- Inhalation** : Adverse symptoms may include the following:
Respiratory tract irritation
Coughing
Wheezing and chest discomfort
- Skin contact** : Adverse symptoms may include the following:
Irritation
Nausea
Head ache
- Ingestion** : Adverse symptoms may include the following:
Unknown

Indication of immediate medical attention and special treatment needed, if necessary.

- Protection of first-aiders:** : No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing the aid to give mouth to mouth resuscitation.

Section 5. Fire-fighting measures

Extinguishing media

- Suitable extinguishing media** : Use dry chemical, carbon dioxide, or foam.
- Unsuitable extinguishing media** : Where the fire is of major proportions, water spray may also be used. Water or foam may cause frothing if liquid is burning, but it still may be useful extinguishing agent if carefully applied to the fire. Contain water runoff.
- Specific hazards arising from the chemical** : In a fire or if heated, toxic gases will form.
- Hazardous thermal decomposition products** : Decomposition products may include the following materials: Carbon Monoxide, Carbon Dioxide, and poisonous gases.
- 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 a positive pressure mode and full protective equipment.

Section 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures.

- For non emergency personal** : 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 thru spilled material. Remove all sources of flame, sparks and othe rsources of ignition. Avoid breathing vapor or mist. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment(see section 8).
- For emergency responders** : If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unstuiatble materials. See also the information in "For non-emergency personnel.
- Enviromental precautions** : Avoid disposal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil, or air).
- Methods and materials for containment and cleaning up** : With adequate ventilation and appropriate personal protective equipment, contain the spillage. Absorb with dry chemical absorbent, earth, sand or any other inert material and shovel up and transfer to steel waste containers. Ventilate the area and avoid breathing vapors. Note: see section 1 for emergency contact information and section 13 for waste disposal.

Section 7. Handling and storage

Precautions for safe handling

- Protective measures** : Put on appropriate personal protective equipment (see Section 8). Avoid exposure – obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on the skin or clothing. Do not ingest. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Keep in original container or an approved alternative made from compatible material, kept tightly closed when not in use. Keep away from heat, flames, sparks and other sources of ignition. Never use a torch to cut or weld on or near container. Empty containers can contain explosive vapors. Protection from moisture.
- Advice on general occupational hygiene** : Eating, drinking and smoking should be prohibited in areas where material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See section 8 for additional information on hygiene measures.
- Conditions for safe storage, including any incompatibilities** : Store in accordance with local regulations. Keep container tightly closed in a cool, well ventilated place.

Section 8. Exposure controls/personal protection

Control parameters

Occupational exposure limits

| Ingredient name | Exposure limits |
|---------------------------|---|
| Proprietary Polyamine | Not established |
| Wollastonite | ACGIH TLV TWA: 3 mg/m ³ OSHA PEL TWA: 5mg/m ³ |
| Proprietary Polymercaptan | Not established |
| Diethylene Triamine | ACGIH TLV TWA:1 ppm skin |
| Talc | ACGIH TLV TWA: 2 mg/m ³ OSHA PEL TWA: 2 mg/m ³ respirable fraction |
| Fumed Silica | ACGIH TLV TWA: 10 mg/m ³ Inhalable TWA: 3 mg/m ³ Respirable OSHA PEL TWA: 15mg/m ³ total dust TWA: 5 mg/m ³ Respirable |
| Terepene Hydrocarbon | ACGIH TLV TWA: 5 mg/m ³ OSHA PEL TWA: 5 mg/m ³ |
| Furfuryl Alcohol | Not established |

Control parameters

Appropriate engineering controls

: Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

Environmental exposure controls

: 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 measure:

: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking, and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the work station.

Eye/face protection

: Chemical splash goggles or safety glasses with side shields or full face shield complying with an approved standard should be used when risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases and dusts. Contact lenses should not be worn by persons who work with this product.

Skin Protection

Hand protection

: Wear chemical resistant gloves protective gloves. Examples of gloves material that might prove suitable protection include: Butyl rubber, Polychloroprene (Neoprene*), Nitrile/butadiene rubber ("nitrile" or "NBR"), or Viton.

Body protection

: Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. Recommended: Overall made of Saranex coated Tyvek.

Section 8. Exposure controls/personal protection

- Other skin protection** : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Respiratory protection** : Use a properly fitted, air purifying or supplied air respirator complying with an approved standard if a risk assessment indicates this is necessary. 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. Avoid breathing vapors of heated material.
- Thermal hazards** : Not available

Section 9. Physical and chemical properties

- Appearance**
- Physical state** : Paste
- Color** : Gray- black
- Odor** : Amine/ Skunk- like
- Odor threshold** : Not available
- pH** : Not available
- Melting point** : Not applicable
- Boiling point** : 414 °F
- Flash Point** : 172 °F (TCC)
- Evaporation rate:** : < 1 (n-butyl acetate=1)
- Flammability(solid, gas)** : Not determined
- Lower & upper explosive (flammable) limits** : Not determined
- Vapor density** : >1 (Air=1)
- Vapor pressure** : 1 mm Hg @ 70° F
- Relative density** : 12.9
- Solubility** : Appreciable
- Partition coefficient: n-octanol/water** : Not available
- Auto- ignition temperature** : Not available
- Specific Gravity** : 1.55 (water=1)
- VOC** : Not available
- Viscosity** : Not available

Section 10. Stability and reactivity

- Reactivity**
- Chemical stability** : Stable at room temperature.
- Possibility of hazardous reactions** : Caution! N-nitrosamines, many of which are known to be potent carcinogens, may be formed when the product comes in contact with nitrous acid, nitrates or atmospheres with high nitrous oxide concentrations. Product slowly corrodes copper, aluminum, zinc and galvanized surfaces. Reaction with peroxide may result in violent decomposition of peroxide possibly creating an explosion. Materials reactive with hydroxyl compounds, nitrates, nitrosating agents. A reaction accompanied by a large heat release occurs when the product is mixed with acids. Heat generated may be sufficient to cause vigorous boiling creating a hazard due to splashing of hot material.
- Conditions to avoid:** : Exposure to high temperatures.
- Incompatible materials** : Mineral acids (i.e. sulfuric, phosphoric, etc.) Organic acids (i.e. acetic acid, citric acid, etc.) Oxidizing materials (i.e. perchlorates, nitrates, etc.) Reactive metals (i.e. sodium, calcium, zinc, etc.).
- Hazardous decomposition products** : Combustion products may include: CO₂, CO, Ammonia and NOX, nitric acid.

Section 11. Toxicological information

Information on toxicological effects

Acute toxicity

| Product/ingredient name | Test | Endpoint | Species | Result |
|-------------------------|---------------|----------|---------|-----------|
| Polyamine Resin | Oral Toxicity | LD50 | Rat | < 5 cc/kg |

Carcinogenic class

Conclusions/Summary : Not listed as a carcinogen by NTP, or OSHA. IARC classifies Wollastonite as a Group 3.

Specific target organ toxicity(single exposure)

Skin

Specific target organ toxicity(repeated exposure)

Not available

Aspiration hazard

Not available

Information on the likely routes of exposure: : Skin absorption and respiratory tract

Potential acute health effects

Eye contact

: Corrosive to eyes. Severe eye irritant. Burns to eyes may cause blindness. Contact with undiluted product with the eyes quickly causes severe irritation and pain and may cause burns, necrosis and permanent injury.

Inhalation

: May cause respiratory sensitization. Inhalation of aerosol, mist, fog may cause harm if inhaled. Inhalation of aerosols and mists may severely damage contacted tissue and produce scarring. Risk of exposure to hazardous concentrations of vapor under normal working conditions in a well ventilated space is minimal. However conditions such as spraying, or sudden release of hot liquids, which generate an aerosol, mists or fog should be avoided.

Skin contact

: Harmful in contact with skin. Corrosive to skin. Severe skin irritant. May cause skin sensitization. Contact with undiluted product with the eyes quickly causes severe irritation and pain and may cause burns, necrosis and permanent injury. Product is readily absorbed through the skin and may cause nausea, headache and general discomfort.

Ingestion

: No information available.

Symptoms related to the physical , chemical and toxicological characteristics

Eye contact

: Adverse symptoms may include the following:
Severe irritation and pain
Chemical burns of the eye

Inhalation

: Adverse symptoms may include the following:
Respiratory tract irritation
Coughing
Wheezing and chest discomfort

Skin contact

: Adverse symptoms may include the following:
Irritation
Nausea
Head ache

Inhalation

: Adverse symptoms may include the following:
Unknown

Section 11. Toxicological Information

Delayed and immediate effects and also chronic effects from short and long term exposure

Short term exposure

Potential immediate effects : Not available

Potential delayed effects : Not available

Long term exposure

Potential immediate effects : Not available

Potential delayed effects : Prolonged or repeated skin contact may defat the skin and cause dermatitis. Allergic reactions may arise in sensitive individuals.

Potential chronic health effects

Carcinogenicity : Not classified as a carcinogen.

Mutagenicity : No known significant effects or critical hazards

Teragenicity : 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

Numerical measures of toxicity

Section 12. Ecological information

Material is slightly toxic to aquatic organisms.

Section 13. Disposal considerations

Disposal methods : The generation of waste should be avoided or minimized wherever possible. Empty containers or liners may retain some product residues. Drums/containers should be decontaminated and either passed to an approved drum recycler or destroyed. This material and its container must be disposed of in a safe way. Dispose of surplus and non-recyclable product via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the regulations of environmental protection and waste disposal legislation and any regional local authority requirements. A void dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Disposal should be in accordance with applicable regional, local, national and local laws and regulations.

Section 14. Transport information

Proper shipping name

DOT/IATA/IMDG : Not regulated

Section 15. Regulatory information

Safety, health and environmental regulations specific for the product

United States Regulations

TSCA 8(b) inventory : All components are listed or exempted.

SARA 311/312 : Immediate (acute) & Delayed (Chronic) health hazard.

Section 15. Regulatory information

- SARA 313 Form R- Reporting requirements** : This product does not contain chemical components that are reportable under SARA 313.
- CERCLA Hazardous Substance** : This product does not contain chemical components that are reportable under CERCLA.
- California Proposition 15** : This product may contain trace amounts of chemicals known the State of California to be a carcinogen or reproductive toxicants.

Section 16. Other information

- Date of revision** : 6/9/15
- Date of previous issue** : 8/13/13
- Revisions:** : Revision to entire document for compliance of new HazCom rules.
- Version** : 4
- Prepared by** : C. Rogalski

Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

SAFETY DATA SHEET

Port & Surface 5/30 Part B

Section 1. Identification

GHS product Identifier : Port & Surface 5/30 Part B
Other means of identification : Not available

Relevant identified used of the substance or mixtures and uses advised against

Port & Surface 5/30 is a high-strength, two-part, solvent free, moisture insensitive, room temperature curing smooth paste epoxy adhesive system designed for use with urethane injection. It is designed to permanently secure surface injection ports and seal cracks prior to urethane injection.

Supplier's details : Polyguard Products, Inc.
4101 South Interstate 45
Ennis, TX 75119
Tel: (800) 541-4994

Emergency telephone number) with hours of operation) : CHEMTREC, US 1-800-424-9300 International 1-703-527-3887
: (24/7)

Section 2. Hazards identification

OSHA/HCS status : This material is considered hazardous by the OSHA Hazardous Communications Standard (49CFR1910.1200) .
Classification of the substance or mixture : Acute toxicity: Oral- Category 4
Acute toxicity: Dermal- Category 4
Acute toxicity: Inhalation- Category 4
Skin corrosion/Irritation- Category 1
Eye Damage/Eye Irritation- Category 1
Sensitization- Respiratory- Category

GHS label elements
Hazard pictogram



Signal word : Danger
Hazard statement : Harmful if swallowed.
Harmful in contact with skin.
Harmful if inhaled.
Causes severe skin burns and eye damage
Causes serious eye damage.
May cause allergy or asthma symptoms or breathing difficulties if inhaled.

Precautionary statements
Prevention

: Wear protective gloves and clothing. Wear eye or face protection. Wear proper respiratory protection if required. Use only outdoors or in well ventilated area. Avoid breathing vapor/mists. Wash hands thoroughly after handling. Contaminated work clothing should not be allowed out of the work place. Do not eat, drink or smoke when using this product.

Section 2. Hazards identification

| | |
|---|---|
| Response | : IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or physician if you feel unwell. If experiencing respiratory symptoms: Call a POISON CENTER or physician. IF ON SKIN (or hair) Take off immediately all contaminated clothing. Rinse skin with water/shower. IF ON SKIN: Wash with plenty of soap and water. Call Poison Center or Doctor if you feel unwell. Take off contaminated clothing and wash before reuse. If skin irritation or redness or burning sensation develop after washing: Get medical attention. IF IN EYES; Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention. If swallowed: Call a poison center/doctor: if you feel unwell .Rinse mouth with water. Do not induce vomiting. Seek medical attention. |
| Storage | : Store locked up. Store in a well-ventilated place. |
| Disposal | : Dispose of contents and container in accordance with all local, regional, national and international regulations. |
| Hazards not otherwise classified | : None known |

Section 3. Composition/information on ingredients

| | |
|--------------------------------------|-----------------|
| Substance/Mixture | : Mixture |
| Other means of identification | : Not available |

| Ingredient name | % | CAS Number |
|---------------------------|-------|--------------|
| Proprietary Polyamine | 5-10 | proprietary |
| Wollastonite | 40-50 | 13983-17-0 |
| Proprietary Polymercaptan | 15-25 | Trade secret |
| Diethylene Triamine | <5 | 111-40-0 |
| Talc | < 10 | 14807-96-6 |
| Fumed Silica | < 5 | 67762-90-7 |
| Terepene Hydrocarbon | 3-7 | 8002-09-3 |
| Furfuryl Alcohol | 1-5 | Trade Secret |

Any concentration shown as a range is to protect confidentiality or is due to batch variation. Occupational exposure limits, if available , are listed in Section 8.

Section 4. First aid measures

Description of necessary first aid measures.

Eye contact

Inhalation

Skin contact

Ingestion

- : IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or physician if you feel unwell. If experiencing respiratory symptoms: Call a POISON CENTER or physician.
- : IF ON SKIN (or hair) Take off immediately all contaminated clothing. Rinse skin with water/shower. IF ON SKIN: Wash with plenty of soap and water. Call Poison Center or Doctor if you feel unwell. Take off contaminated clothing and wash before reuse. If skin irritation or redness or burning sensation develop after washing: Get medical attention.
- : If swallowed: Call a poison center/doctor: if you feel unwell .Rinse mouth with water. Do not induce vomiting. Seek medical attention.

Section 4. First aid measures

Most important symptoms/effects, acute and delayed

Potential acute health effects

- Eye contact** : Corrosive to eyes. Severe eye irritant. Burns to eyes may cause blindness. Contact with undiluted product with the eyes quickly causes severe irritation and pain and may cause burns, necrosis and permanent injury.
- Inhalation** : May cause respiratory sensitization. Inhalation of aerosol, mist, fog may cause harm if inhaled. Inhalation of aerosols and mists may severely damage contacted tissue and produce scarring. Risk of exposure to hazardous concentrations of vapor under normal working conditions in a well ventilated space is minimal. However conditions such as spraying, or sudden release of hot liquids, which generate an aerosol, mists or fog should be avoided.
- Skin contact** : Harmful in contact with skin. Corrosive to skin. Severe skin irritant. May cause skin sensitization. Contact with undiluted product with the eyes quickly causes severe irritation and pain and may cause burns, necrosis and permanent injury. Product is readily absorbed through the skin and may cause nausea, headache and general discomfort.
- Ingestion** : No information available.

Over-exposure signs/symptoms

- Eye contact** : Adverse symptoms may include the following:
Severe irritation and pain
Chemical burns of the eye
- Inhalation** : Adverse symptoms may include the following:
Respiratory tract irritation
Coughing
Wheezing and chest discomfort
- Skin contact** : Adverse symptoms may include the following:
Irritation
Nausea
Head ache
- Ingestion** : Adverse symptoms may include the following:
Unknown

Indication of immediate medical attention and special treatment needed, if necessary.

- Protection of first-aiders:** : No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing the aid to give mouth to mouth resuscitation.

Section 5. Fire-fighting measures

Extinguishing media

- Suitable extinguishing media** : Use dry chemical, carbon dioxide, or foam.
- Unsuitable extinguishing media** : Where the fire is of major proportions, water spray may also be used. Water or foam may cause frothing if liquid is burning, but it still may be useful extinguishing agent if carefully applied to the fire. Contain water runoff.
- Specific hazards arising from the chemical** : In a fire or if heated, toxic gases will form.
- Hazardous thermal decomposition products** : Decomposition products may include the following materials: Carbon Monoxide, Carbon Dioxide, and poisonous gases.
- 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 a positive pressure mode and full protective equipment.

Section 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures.

- For non emergency personal** : 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 thru spilled material. Remove all sources of flame, sparks and othe rsources of ignition. Avoid breathing vapor or mist. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment(see section 8).
- For emergency responders** : If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unstuiatble materials. See also the information in "For non-emergency personnel.
- Enviromental precautions** : Avoid disposal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil, or air).
- Methods and materials for containment and cleaning up** : With adequate ventilation and appropriate personal protective equipment, contain the spillage. Absorb with dry chemical absorbent, earth, sand or any other inert material and shovel up and transfer to steel waste containers. Ventilate the area and avoid breathing vapors. Note: see section 1 for emergency contact information and section 13 for waste disposal.

Section 7. Handling and storage

Precautions for safe handling

- Protective measures** : Put on appropriate personal protective equipment (see Section 8). Avoid exposure – obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on the skin or clothing. Do not ingest. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Keep in original container or an approved alternative made from compatible material, kept tightly closed when not in use. Keep away from heat, flames, sparks and other sources of ignition. Never use a torch to cut or weld on or near container. Empty containers can contain explosive vapors. Protection from moisture.
- Advice on general occupational hygiene** : Eating, drinking and smoking should be prohibited in areas where material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See section 8 for additional information on hygiene measures.
- Conditions for safe storage, including any incompatibilities** : Store in accordance with local regulations. Keep container tightly closed in a cool, well ventilated place.

Section 8. Exposure controls/personal protection

Control parameters

Occupational exposure limits

| Ingredient name | Exposure limits |
|---------------------------|---|
| Proprietary Polyamine | Not established |
| Wollastonite | ACGIH TLV TWA: 3 mg/m ³ OSHA PEL TWA: 5mg/m ³ |
| Proprietary Polymercaptan | Not established |
| Diethylene Triamine | ACGIH TLV TWA:1 ppm skin |
| Talc | ACGIH TLV TWA: 2 mg/m ³ OSHA PEL TWA: 2 mg/m ³ respirable fraction |
| Fumed Silica | ACGIH TLV TWA: 10 mg/m ³ Inhalable TWA: 3 mg/m ³ Respirable OSHA PEL TWA: 15mg/m ³ total dust TWA: 5 mg/m ³ Respirable |
| Terepene Hydrocarbon | ACGIH TLV TWA: 5 mg/m ³ OSHA PEL TWA: 5 mg/m ³ |
| Furfuryl Alcohol | Not established |

Control parameters

Appropriate engineering controls

: Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

Environmental exposure controls

: 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 measure:

: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking, and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the work station.

Eye/face protection

: Chemical splash goggles or safety glasses with side shields or full face shield complying with an approved standard should be used when risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases and dusts. Contact lenses should not be worn by persons who work with this product.

Skin Protection

Hand protection

: Wear chemical resistant gloves protective gloves. Examples of gloves material that might prove suitable protection include: Butyl rubber, Polychloroprene (Neoprene*), Nitrile/butadiene rubber ("nitrile" or "NBR"), or Viton.

Body protection

: Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. Recommended: Overall made of Saranex coated Tyvek.

Section 8. Exposure controls/personal protection

- Other skin protection** : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Respiratory protection** : Use a properly fitted, air purifying or supplied air respirator complying with an approved standard if a risk assessment indicates this is necessary. 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. Avoid breathing vapors of heated material.
- Thermal hazards** : Not available

Section 9. Physical and chemical properties

- Appearance**
- Physical state** : Paste
- Color** : Gray- black
- Odor** : Amine/ Skunk- like
- Odor threshold** : Not available
- pH** : Not available
- Melting point** : Not applicable
- Boiling point** : 414 °F
- Flash Point** : 172 °F (TCC)
- Evaporation rate:** : < 1 (n-butyl acetate=1)
- Flammability(solid, gas)** : Not determined
- Lower & upper explosive (flammable) limits** : Not determined
- Vapor density** : >1 (Air=1)
- Vapor pressure** : 1 mm Hg @ 70° F
- Relative density** : 12.9
- Solubility** : Appreciable
- Partition coefficient: n-octanol/water** : Not available
- Auto- ignition temperature** : Not available
- Specific Gravity** : 1.55 (water=1)
- VOC** : Not available
- Viscosity** : Not available

Section 10. Stability and reactivity

- Reactivity**
- Chemical stability** : Stable at room temperature.
- Possibility of hazardous reactions** : Caution! N-nitrosamines, many of which are known to be potent carcinogens, may be formed when the product comes in contact with nitrous acid, nitrates or atmospheres with high nitrous oxide concentrations. Product slowly corrodes copper, aluminum, zinc and galvanized surfaces. Reaction with peroxide may result in violent decomposition of peroxide possibly creating an explosion. Materials reactive with hydroxyl compounds, nitrates, nitrosating agents. A reaction accompanied by a large heat release occurs when the product is mixed with acids. Heat generated may be sufficient to cause vigorous boiling creating a hazard due to splashing of hot material.
- Conditions to avoid:** : Exposure to high temperatures.
- Incompatible materials** : Mineral acids (i.e. sulfuric, phosphoric, etc.) Organic acids (i.e. acetic acid, citric acid, etc.) Oxidizing materials (i.e. perchlorates, nitrates, etc.) Reactive metals (i.e. sodium, calcium, zinc, etc.).
- Hazardous decomposition products** : Combustion products may include: CO₂, CO, Ammonia and NOX, nitric acid.

Section 11. Toxicological information

Information on toxicological effects

Acute toxicity

| Product/ingredient name | Test | Endpoint | Species | Result |
|-------------------------|---------------|----------|---------|-----------|
| Polyamine Resin | Oral Toxicity | LD50 | Rat | < 5 cc/kg |

Carcinogenic class

Conclusions/Summary : Not listed as a carcinogen by NTP, or OSHA. IARC classifies Wollastonite as a Group 3.

Specific target organ toxicity(single exposure)

Skin

Specific target organ toxicity(repeated exposure)

Not available

Aspiration hazard

Not available

Information on the likely routes of exposure: : Skin absorption and respiratory tract

Potential acute health effects

Eye contact

: Corrosive to eyes. Severe eye irritant. Burns to eyes may cause blindness. Contact with undiluted product with the eyes quickly causes severe irritation and pain and may cause burns, necrosis and permanent injury.

Inhalation

: May cause respiratory sensitization. Inhalation of aerosol, mist, fog may cause harm if inhaled. Inhalation of aerosols and mists may severely damage contacted tissue and produce scarring. Risk of exposure to hazardous concentrations of vapor under normal working conditions in a well ventilated space is minimal. However conditions such as spraying, or sudden release of hot liquids, which generate an aerosol, mists or fog should be avoided.

Skin contact

: Harmful in contact with skin. Corrosive to skin. Severe skin irritant. May cause skin sensitization. Contact with undiluted product with the eyes quickly causes severe irritation and pain and may cause burns, necrosis and permanent injury. Product is readily absorbed through the skin and may cause nausea, headache and general discomfort.

Ingestion

: No information available.

Symptoms related to the physical , chemical and toxicological characteristics

Eye contact

: Adverse symptoms may include the following:
Severe irritation and pain
Chemical burns of the eye

Inhalation

: Adverse symptoms may include the following:
Respiratory tract irritation
Coughing
Wheezing and chest discomfort

Skin contact

: Adverse symptoms may include the following:
Irritation
Nausea
Head ache

Inhalation

: Adverse symptoms may include the following:
Unknown

Section 11. Toxicological Information

Delayed and immediate effects and also chronic effects from short and long term exposure

Short term exposure

Potential immediate effects : Not available

Potential delayed effects : Not available

Long term exposure

Potential immediate effects : Not available

Potential delayed effects : Prolonged or repeated skin contact may defat the skin and cause dermatitis. Allergic reactions may arise in sensitive individuals.

Potential chronic health effects

Carcinogenicity : Not classified as a carcinogen.

Mutagenicity : No known significant effects or critical hazards

Teragenicity : 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

Numerical measures of toxicity

Section 12. Ecological information

Material is slightly toxic to aquatic organisms.

Section 13. Disposal considerations

Disposal methods

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Disposal should be in accordance with applicable regional, local, national and local laws and regulations.

Section 14. Transport information

Proper shipping name

DOT/IATA/IMDG : Not regulated

Section 15. Regulatory information

Safety, health and environmental regulations specific for the product

United States Regulations

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Section 16. Other information

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- Date of previous issue** : 8/13/13
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- Version** : 4
- Prepared by** : C. Rogalski

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