# SAFETY DATA SHEET

## Marathon 1000 GF Comp A

### Section 1. Identification

<table>
<thead>
<tr>
<th>GHS product identifier</th>
<th>Marathon 1000 GF Comp A</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product code</td>
<td>33222</td>
</tr>
<tr>
<td>Product description</td>
<td>Paint</td>
</tr>
<tr>
<td>Other means of identification</td>
<td>Not available</td>
</tr>
<tr>
<td>Product type</td>
<td>Liquid</td>
</tr>
</tbody>
</table>

**Supplier's details**

Jotun Paints, Inc.
9203 Highway 23
Belle Chasse, LA 70037
Telephone: (800) 229-3538 or +1 504-394-3538
SDSJotun@jotun.com

**Emergency telephone number (with hours of operation)**

1-800-424-9300 (Staffed 24/7)

### Section 2. Hazards identification

**OSHA/HCS status**

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

**Classification of the substance or mixture**

- SKIN IRRITATION - Category 2
- EYE IRRITATION - Category 2
- SKIN SENSITIZATION - Category 1
- AQUATIC HAZARD (LONG-TERM) - Category 2

**GHS label elements**

**Hazard pictograms**

- ![](image)
- ![image]

**Signal word**

Warning.

**Hazard statements**

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

**Precautionary statements**

**Prevention**

Wear protective gloves. Wear eye or face protection. Avoid release to the environment. Wash hands thoroughly after handling. Contaminated work clothing must not be allowed out of the workplace.

**Response**

Collect spillage. IF ON SKIN: Wash with plenty of soap and water. Wash contaminated clothing before reuse. If skin irritation or rash occurs: Get medical attention. 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 attention.

**Storage**

Not applicable.

**Disposal**

Dispose of contents and container in accordance with all local, regional, national and international regulations.

**Date of issue**

09.10.2018
Section 2. Hazards identification

Hazards not otherwise classified : None known.

Section 3. Composition/information on ingredients

Substance/mixture : Mixture
Other means of identification : Not available.

CAS number/other identifiers

<table>
<thead>
<tr>
<th>CAS number</th>
<th>Product code</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>33222</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Ingredient name</th>
<th>%</th>
<th>CAS number</th>
</tr>
</thead>
<tbody>
<tr>
<td>epoxy resin (MW ≤ 700)</td>
<td>≥25 - ≤50</td>
<td>1675-54-3</td>
</tr>
<tr>
<td>oxirane, 2,2'-[1,6-hexanediylbis(oxy)methylene)]bis-oxirane, mono[(c12-14-alkyloxy)methyl]derivs</td>
<td>≤5</td>
<td>16096-31-4</td>
</tr>
<tr>
<td>silane, trimethoxy[3-(oxiranyl-methoxy)propyl]-</td>
<td>≤3</td>
<td>68609-97-2</td>
</tr>
<tr>
<td></td>
<td>≤2.9</td>
<td>2530-83-8</td>
</tr>
</tbody>
</table>

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

Section 4. First aid measures

Description of necessary first aid measures

Eye contact : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.

Inhalation : Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.

Skin contact : Wash with plenty of soap and water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Get medical attention. In the event of any complaints or symptoms, avoid further exposure. Wash clothing before reuse. Clean shoes thoroughly before reuse.

Ingestion : Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

Most important symptoms/effects, acute and delayed

Potential acute health effects

Eye contact : Causes serious eye irritation.
Section 4. First aid measures

Inhalation: No known significant effects or critical hazards.
Skin contact: Causes skin irritation. May cause an allergic skin reaction.
Ingestion: No known significant effects or critical hazards.

Protection of first-aiders:
No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

Notes to physician:
In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.

Specific treatments:
No specific treatment.

Over-exposure signs/symptoms:

Eye contact:
Adverse symptoms may include the following:
pain or irritation
watering
redness

Inhalation:
No specific data.

Skin contact:
Adverse symptoms may include the following:
irritation
redness

Ingestion:
No specific data.

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

Notes to physician:
In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.

Specific treatments:
No specific treatment.

Protection of first-aiders:
No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

See toxicological information (Section 11)

Section 5. Fire-fighting measures

Extinguishing media

Suitable extinguishing media:
Use an extinguishing agent suitable for the surrounding fire.

Unsuitable extinguishing media:
None known.

Specific hazards arising from the chemical:
In a fire or if heated, a pressure increase will occur and the container may burst. This material is toxic to aquatic life with long lasting effects. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.

Hazardous thermal decomposition products:
Decomposition products may include the following materials:
carbon dioxide
carbon monoxide
sulfur oxides
halogenated compounds
carbonyl halides
metal oxide/oxides

Special protective actions for fire-fighters:
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.

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.
Section 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

For non-emergency personnel: 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.

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 dispersal 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). Water polluting material. May be harmful to the environment if released in large quantities. Collect spillage.

Methods and materials for containment and cleaning up

Small spill: Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

Large spill: Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows.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). Dispose of via a licensed waste disposal contractor. 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.

Section 7. Handling and storage

Precautions for safe handling

Protective measures: Put on appropriate personal protective equipment (see Section 8). Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing vapor or mist. Avoid release to the environment. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not re-use container.

Advice on general occupational hygiene: Eating, drinking and smoking should be prohibited in areas where this 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 also Section 8 for additional information on hygiene measures.

Conditions for safe storage, including any incompatibilities: Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. 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 containers. Use appropriate containment to avoid environmental contamination.

Date of issue: 09.10.2018
## Section 8. Exposure controls/personal protection

### Control parameters

<table>
<thead>
<tr>
<th>Substance</th>
<th>Appropriate engineering controls</th>
<th>Environmental exposure controls</th>
</tr>
</thead>
<tbody>
<tr>
<td>epoxy resin (MW ≤ 700)</td>
<td>None</td>
<td>Good general ventilation should be sufficient to control worker exposure to airborne contaminants.</td>
</tr>
<tr>
<td>oxirane, 2,2'-[1,6-hexanediylbis(oxymethylene)]bis-</td>
<td>None</td>
<td>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.</td>
</tr>
<tr>
<td>oxirane, mono[(c12-14-alkyloxy)methyl]derivs</td>
<td>None</td>
<td></td>
</tr>
<tr>
<td>silane, trimethoxy[3-(oxiranyl-methoxy)propyl]-</td>
<td>None</td>
<td></td>
</tr>
</tbody>
</table>

### Individual protection measures

#### Hand protection

Appropriate chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling the product. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated. Appropriate techniques should be used to remove potentially contaminated clothing. 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.

#### Safety eyewear

Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles.

#### Eye/face protection

Eye/face protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles.

### Skin protection

#### Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling the product. The time to breakthrough for any glove material may be different for different glove manufacturers. The protection time of the gloves cannot be accurately estimated. There is no one glove material or combination of materials that will give unlimited resistance to any individual or combination of chemicals. The breakthrough time must be greater than the end use time of the product. The instructions and information provided by the glove manufacturer on use, storage, maintenance and replacement must be followed. Gloves should be replaced regularly and if there is any sign of damage to the glove material. Always ensure that gloves are free from defects and that they are stored and used correctly. The performance or effectiveness of the glove may be reduced by physical/chemical damage and poor maintenance. Barrier creams may help to protect the exposed areas of the skin but should not be applied once exposure has occurred. Wear suitable gloves tested to EN374. May be used, gloves(breakthrough time) 4 - 8 hours: neoprene, polyvinyl alcohol (PVA) Recommended, gloves(breakthrough time) > 8 hours: butyl rubber, nitrile rubber, PVC

### 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 the product.

### 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.

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**Date of issue**: 09.10.2018
Section 8. Exposure controls/personal protection

**Respiratory protection**
Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

Section 9. Physical and chemical properties

**Appearance**

- **Physical state**: Liquid.
- **Color**: Various colors.
- **Odor**: Characteristic.
- **Odor threshold**: Not available.
- **pH**: Not available.
- **Melting point**: Not available.
- **Boiling point**: Lowest known value: >260°C (>500°F)(bis-[4-(2,3-epoxipropoxi)phenyl]propane).
- **Flash point**: Closed cup: 100°C (212°F)
- **Evaporation rate**: Not available.
- **Flammability (solid, gas)**: Not available.
- **Lower and upper explosive (flammable) limits**: Not available.
- **Vapor pressure**: Not available.
- **Vapor density**: Not available.
- **Relative density**: 1.429 to 1.479 g/cm³ 11.92 to 12.34 pounds/gallon
- **Solubility**: Insoluble in the following materials: cold water and hot water.
- **Partition coefficient: n-octanol/water**: Not available.
- **Auto-ignition temperature**: Not available.
- **Decomposition temperature**: Not available.
- **Viscosity**: Kinematic (40°C (104°F)): >0.205 cm²/s (>20.5 mm²/s)

Section 10. Stability and reactivity

- **Reactivity**: No specific test data related to reactivity available for this product or its ingredients.
- **Chemical stability**: The product is stable.
- **Possibility of hazardous reactions**: Under normal conditions of storage and use, hazardous reactions will not occur.
- **Conditions to avoid**: No specific data.
- **Incompatible materials**: No specific data.
- **Hazardous decomposition products**: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11. Toxicological information

- **Information on toxicological effects**
  - **Acute toxicity**
Marathon 1000 GF Comp A

Section 11. Toxicological information

<table>
<thead>
<tr>
<th>Product/ingredient name</th>
<th>Result</th>
<th>Species</th>
<th>Dose</th>
<th>Exposure</th>
</tr>
</thead>
<tbody>
<tr>
<td>epoxy resin (MW ≤ 700)</td>
<td>LD50 Dermal</td>
<td>Rabbit</td>
<td>20 g/kg</td>
<td>-</td>
</tr>
<tr>
<td>oxirane, mono[(c12-14-alkyloxy)methyl] derivs</td>
<td>LD50 Oral</td>
<td>Rat</td>
<td>17100 mg/kg</td>
<td>-</td>
</tr>
<tr>
<td>oxirane, mono[(c12-14-alkyloxy)methyl] derivs</td>
<td>LD50 Oral</td>
<td>Rat</td>
<td>17100 mg/kg</td>
<td>-</td>
</tr>
</tbody>
</table>

**Irritation/Corrosion**

<table>
<thead>
<tr>
<th>Product/ingredient name</th>
<th>Result</th>
<th>Species</th>
<th>Score</th>
<th>Exposure</th>
<th>Observation</th>
</tr>
</thead>
<tbody>
<tr>
<td>epoxy resin (MW ≤ 700)</td>
<td>Eyes - Severe irritant</td>
<td>Rabbit</td>
<td>-</td>
<td>24 hours 2 milligrams</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>Skin - Mild irritant</td>
<td>Rabbit</td>
<td>-</td>
<td>500 milligrams</td>
<td>-</td>
</tr>
<tr>
<td>oxirane, mono[(c12-14-alkyloxy)methyl] derivs</td>
<td>Skin - Moderate irritant</td>
<td>Rabbit</td>
<td>-</td>
<td>24 hours 500 microliters</td>
<td>-</td>
</tr>
</tbody>
</table>

**Sensitization**

Not available.

**Mutagenicity**

Not available.

**Carcinogenicity**

Not available.

**Classification**

<table>
<thead>
<tr>
<th>Product/ingredient name</th>
<th>OSHA</th>
<th>IARC</th>
<th>NTP</th>
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<tbody>
<tr>
<td>epoxy resin (MW ≤ 700)</td>
<td>-</td>
<td>3</td>
<td>-</td>
</tr>
</tbody>
</table>

**Reproductive toxicity**

Not available.

**Teratogenicity**

Not available.

**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**

- Not available.

**Potential acute health effects**

**Eye contact**

- Causes serious eye irritation.

**Inhalation**

- No known significant effects or critical hazards.

**Skin contact**

- Causes skin irritation. May cause an allergic skin reaction.

**Ingestion**

- No known significant effects or critical hazards.

**Symptoms related to the physical, chemical and toxicological characteristics**

**Eye contact**

- Adverse symptoms may include the following: pain or irritation, watering, redness

**Inhalation**

- No specific data.

Date of issue: 09.10.2018
### Section 11. Toxicological information

**Skin contact**
- Adverse symptoms may include the following:
  - irritation
  - redness

**Ingestion**
- No specific data.

#### 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
- Not available.

#### General
- Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels.

#### 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.

#### Numerical measures of toxicity

#### Acute toxicity estimates
- Not available.

### Section 12. Ecological information

#### Toxicity

<table>
<thead>
<tr>
<th>Product/ingredient name</th>
<th>Result</th>
<th>Species</th>
<th>Exposure</th>
</tr>
</thead>
<tbody>
<tr>
<td>epoxy resin (MW ≤ 700)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>oxirane, 2,2′-[1,6-hexanediylbis</td>
<td>Acute EC50 1.4 mg/l</td>
<td>Daphnia</td>
<td>48 hours</td>
</tr>
<tr>
<td></td>
<td>Acute LC50 3.1 mg/l</td>
<td>Fish - fathead minnow</td>
<td>96 hours</td>
</tr>
<tr>
<td></td>
<td>Chronic NOEC 0.3 mg/l</td>
<td>Fish</td>
<td>21 days</td>
</tr>
<tr>
<td></td>
<td>Acute EC50 47 mg/l</td>
<td>Daphnia</td>
<td>48 hours</td>
</tr>
<tr>
<td></td>
<td>Acute LC50 30 mg/l</td>
<td>Fish - Cyprinidae (Leuciscus idus)</td>
<td>96 hours</td>
</tr>
</tbody>
</table>

#### Persistence and degradability

<table>
<thead>
<tr>
<th>Product/ingredient name</th>
<th>Aquatic half-life</th>
<th>Photolysis</th>
<th>Biodegradability</th>
</tr>
</thead>
<tbody>
<tr>
<td>epoxy resin (MW ≤ 700)</td>
<td>-</td>
<td>-</td>
<td>Not readily</td>
</tr>
<tr>
<td>silane, trimethoxy[3-(oxiranylmethoxy)propyl]-</td>
<td>-</td>
<td>-</td>
<td>Not readily</td>
</tr>
</tbody>
</table>

#### Bioaccumulative potential

**Date of issue**: 09.10.2018
Section 12. Ecological information

<table>
<thead>
<tr>
<th>Product/ingredient name</th>
<th>LogP_{ow}</th>
<th>BCF</th>
<th>Potential</th>
</tr>
</thead>
<tbody>
<tr>
<td>epoxy resin (MW ≤ 700) oxirane, 2,2'-(1,6-hexanediylbis (oxymethylene))bis-oxirane, mono[(c12-14-alkyloxy)methyl]derivs</td>
<td>2.64 to 3.78 0.822 3.77</td>
<td>31 -</td>
<td>low low</td>
</tr>
</tbody>
</table>

Mobility in soil

Soil/water partition coefficient (K_{OC}) : Not available.

Other adverse effects : No known significant effects or critical hazards.

Section 13. Disposal considerations

Disposal methods : The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. 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. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Section 14. Transport information

<table>
<thead>
<tr>
<th>UN number</th>
<th>DOT Classification</th>
<th>TDG Classification</th>
<th>Mexico Classification</th>
<th>ADR/RID</th>
<th>IMDG</th>
<th>IATA</th>
</tr>
</thead>
<tbody>
<tr>
<td>3082</td>
<td>Environmentally hazardous substance, liquid, n.o.s. (bis-[4-(2, 3-epoxipropoxi) phenyl] propane)</td>
<td>Environmentally hazardous substance, liquid, n.o.s. (bis-[4-(2, 3-epoxipropoxi) phenyl] propane)</td>
<td>Environmentally hazardous substance, liquid, n.o.s. (bis-[4-(2, 3-epoxipropoxi) phenyl] propane)</td>
<td>Environmentally hazardous substance, liquid, n.o.s. (bis-[4-(2, 3-epoxipropoxi) phenyl] propane)</td>
<td>Environmentally hazardous substance, liquid, n.o.s. (bis-[4-(2, 3-epoxipropoxi) phenyl] propane)</td>
<td>Environmentally hazardous substance, liquid, n.o.s. (bis-[4-(2, 3-epoxipropoxi) phenyl] propane)</td>
</tr>
</tbody>
</table>

Transport hazard class(es) 9 9 9 9 9 9

Packing group III III III III III III

Environmental hazards Yes. Yes. Yes. Yes. Yes. Yes.

Additional information
Section 14. Transport information

DOT Classification: Non-bulk packages of this product are not regulated as hazardous materials in package sizes less than the product reportable quantity, unless transported by inland waterway. The marine pollutant mark is not required when transported on inland waterways in sizes of ≤5 L or ≤5 kg.

Reportable quantity:
29629.6 lbs / 13451.9 kg [2444 gal / 9251.6 L]
Package sizes shipped in quantities less than the product reportable quantity are not subject to the RQ (reportable quantity) transportation requirements.

TDG Classification: Product classified as per the following sections of the Transportation of Dangerous Goods Regulations: 2.43-2.45 (Class 9), 2.7 (Marine pollutant mark).

Transport in bulk according to Annex II of MARPOL and the IBC Code:
Non-bulk packages of this product are not regulated as hazardous materials in package sizes less than the product reportable quantity, unless transported by inland waterway. The marine pollutant mark is not required when transported on inland waterways in sizes of ≤5 L or ≤5 kg.

Non-bulk packages of this product are not regulated as hazardous goods when transported by road or rail.

Mexico Classification: The environmentally hazardous substance mark is not required when transported in sizes of ≤5 L or ≤5 kg.

ADR/RID: Tunnel restriction code: (-)
Hazard identification number: 90

IMDG: Emergency schedules (EmS): F-A, S-F
Marine pollutant: Yes.

IATA: This product is not regulated as a dangerous good when transported in sizes of ≤5 L or ≤5 kg, provided the packagings meet the general provisions of 5.0.2.4.1, 5.0.2.6.1.1 and 5.0.2.8.

Special precautions for user: Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

Transport in bulk according to Annex II of MARPOL and the IBC Code: Not available.

Section 15. Regulatory information

U.S. Federal regulations:
TSCA 5(a)2 final significant new use rules: oxirane, 2,2'-(1,6-hexanediylbis (oxymethylene))bis-
TSCA 5(e) substance consent order: oxirane, 2,2'-(1,6-hexanediylbis(oxymethylene))bis-
TSCA 8(a) CDR Exempt/Partial exemption: Not determined
TSCA 12(b) one-time export: oxirane, 2,2'-(1,6-hexanediylbis(oxymethylene))bis-
United States inventory (TSCA 8b): Not determined.
Clean Water Act (CWA) 307: ethylbenzene
Clean Water Act (CWA) 311: xylene; ethylbenzene

Clean Air Act Section 112(b) Hazardous Air Pollutants (HAPs):

<table>
<thead>
<tr>
<th>Ingredient name</th>
<th>CAS number</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>xylene</td>
<td>1330-20-7</td>
<td>0.3375</td>
</tr>
<tr>
<td>ethylbenzene</td>
<td>100-41-4</td>
<td>0.1125</td>
</tr>
<tr>
<td>glass, oxide, chemicals</td>
<td>65997-17-3</td>
<td>23.5</td>
</tr>
</tbody>
</table>

Clean Air Act Section 602 Class I Substances: Not listed
Clean Air Act Section 602 Class II Substances: Not listed
DEA List I Chemicals (Precursor Chemicals): Not listed

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DEA List II Chemicals (Essential Chemicals)
Not listed

SARA 302/304
Composition/information on ingredients
No products were found.

SARA 304 RQ
Not applicable.

SARA 311/312
Classification: Immediate (acute) health hazard

Composition/information on ingredients

<table>
<thead>
<tr>
<th>Name</th>
<th>%</th>
<th>Fire hazard</th>
<th>Sudden release of pressure</th>
<th>Reactive</th>
<th>Immediate (acute) health hazard</th>
<th>Delayed (chronic) health hazard</th>
</tr>
</thead>
<tbody>
<tr>
<td>epoxy resin (MW ≤ 700) oxirane, 2,2'-[1,6-hexanediylbis (oxymethylene)]bis-oxirane, mono[(c12-14-alkyloxy)methyl]deriv silane, trimethoxy[3-(oxiranyl-methoxy)propyl]-</td>
<td>≥25 - ≤50</td>
<td>No.</td>
<td>No.</td>
<td>No.</td>
<td>Yes.</td>
<td>No.</td>
</tr>
<tr>
<td></td>
<td>≤2.9</td>
<td>No.</td>
<td>No.</td>
<td>No.</td>
<td>Yes.</td>
<td>No.</td>
</tr>
</tbody>
</table>

SARA 313

Form R - Reporting requirements
Supplier notification

<table>
<thead>
<tr>
<th>Product name</th>
<th>CAS number</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>ethylbenzene</td>
<td>100-41-4</td>
<td>≤0.3</td>
</tr>
</tbody>
</table>

SARA 313 notifications must not be detached from the SDS and any copying and redistribution of the SDS shall include copying and redistribution of the notice attached to copies of the SDS subsequently redistributed.

State regulations

Massachusetts: The following components are listed: alumina; BARIUM SULFATE; TALC; SOAPSTONE; FIBROUS GLASS
New York: None of the components are listed.
New Jersey: The following components are listed: alumina; barium sulfate; SOAPSTONE
Pennsylvania: The following components are listed: alumina; BARIUM SULFATE; TALC; SOAPSTONE DUST

California Prop. 65
WARNING: This product contains a chemical known to the State of California to cause cancer.

<table>
<thead>
<tr>
<th>Ingredient name</th>
<th>Cancer</th>
<th>Reproductive</th>
<th>No significant risk level</th>
<th>Maximum acceptable dosage level</th>
</tr>
</thead>
<tbody>
<tr>
<td>talc (non-asbestos form)</td>
<td>Yes.</td>
<td>No.</td>
<td>No. 41 µg/day (ingestion)</td>
<td>No.</td>
</tr>
<tr>
<td>ethylbenzene</td>
<td>Yes.</td>
<td>No.</td>
<td>54 µg/day (inhalation)</td>
<td>No.</td>
</tr>
<tr>
<td>silica, crystalline - quartz</td>
<td>Yes.</td>
<td>No.</td>
<td>No.</td>
<td>No.</td>
</tr>
<tr>
<td>silica, crystalline - quartz</td>
<td>Yes.</td>
<td>No.</td>
<td>No.</td>
<td>No.</td>
</tr>
</tbody>
</table>

International regulations

Chemical Weapon Convention List Schedules I, II & III Chemicals
Not listed.

Montreal Protocol (Annexes A, B, C, E)
Not listed.

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**Stockholm Convention on Persistent Organic Pollutants**
Not listed.

**Rotterdam Convention on Prior Informed Consent (PIC)**
Not listed.

**UNECE Aarhus Protocol on POPs and Heavy Metals**
Not listed.

**International lists**

**National inventory**

- **Australia**: Not determined.
- **Canada**: Not determined.
- **China**: Not determined.
- **Europe**: Not determined.
- **Japan**: Not determined.
- **Malaysia**: Not determined.
- **New Zealand**: Not determined.
- **Philippines**: Not determined.
- **Republic of Korea**: Not determined.
- **Taiwan**: Not determined.

**Section 16. Other information**

**Procedure used to derive the classification**

<table>
<thead>
<tr>
<th>Classification</th>
<th>Justification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skin Irrit. 2, H315</td>
<td>Calculation method</td>
</tr>
<tr>
<td>Eye Irrit. 2A, H319</td>
<td>Calculation method</td>
</tr>
<tr>
<td>Skin Sens. 1, H317</td>
<td>Calculation method</td>
</tr>
<tr>
<td>Aquatic Chronic 2, H411</td>
<td>Calculation method</td>
</tr>
</tbody>
</table>

**History**

- **Date of printing**: 09.10.2018
- **Date of issue/Date of revision**: 09.10.2018
- **Date of previous issue**: 08.06.2017
- **Version**: 1.01

**Key to abbreviations**

- ATE = Acute Toxicity Estimate
- BCF = Bioconcentration Factor
- GHS = Globally Harmonized System of Classification and Labelling of Chemicals
- IATA = International Air Transport Association
- IBC = Intermediate Bulk Container
- IMDG = International Maritime Dangerous Goods
- LogPow = logarithm of the octanol/water partition coefficient
- UN = United Nations

**References**

- Not available.

⚠ Indicates information that has changed from previously issued version.

**Notice to reader**
Section 16. Other information

The information in this document is given to the best of Jotun’s knowledge, based on laboratory testing and practical experience. Jotun's products are considered as semi-finished goods and as such, products are often used under conditions beyond Jotun's control. Jotun cannot guarantee anything but the quality of the product itself. Minor product variations may be implemented in order to comply with local requirements. Jotun reserves the right to change the given data without further notice.

Users should always consult Jotun for specific guidance on the general suitability of this product for their needs and specific application practices.

If there is any inconsistency between different language issues of this document, the English (United Kingdom) version will prevail.