# SAFETY DATA SHEET

**In accordance with OSHA 29 CFR 1910.1200**

**VAPOR-LOCK(TM)**
**Revision Number** 3

**Revision date** 26-Feb-2024
**Supersedes Date:** 06-Sep-2017

## 1. Identification

### 1.1. Product identifier

**Product Name** VAPOR-LOCK(TM)

**Other means of identification**
**Other information** Not applicable

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

**Recommended use** Adhesives
**Restrictions on use** No information available

### 1.3. Details of the supplier of the safety data sheet

**Responsible Party**
Bostik Inc.
11320 W. Watertown Plank Road
Wauwatosa, Wisconsin 53226 USA
Phone: +1(800) 726-7845 (Domestic Toll Free)
Phone: +1 (414) 774-2250 (International)

**E-mail** msds@bostik.com

### 1.4. Emergency telephone number

**Emergency Telephone** CHEMTREC (Chemical Transportation Emergency Center)
Chemtrec: 1-800-424-9300 (US) , 1-703-527-3887 (Outside U.S.)
**Rocky Mountain Poison Center:** 1-866-767-5089

## 2. Hazard(s) identification

### 2.1. Classification of the substance or mixture

| | |
|---|---|
| Respiratory sensitization | Category 1 |
| Skin sensitization | Category 1 |
| Reproductive toxicity | Category 1B |

**Hazards not otherwise classified (HNOC)**
Not applicable

### 2.2. Label elements

**EMERGENCY OVERVIEW**

**Danger**

**Hazard statements**
May cause allergy or asthma symptoms or breathing difficulties if inhaled
May cause an allergic skin reaction
May damage fertility or the unborn child

**Appearance** Paste **Physical state** Liquid **Odor** No information available

**Precautionary Statements - Prevention**
Obtain special instructions before use
Do not handle until all safety precautions have been read and understood
Use personal protective equipment as required
Avoid breathing dust/fume/gas/mist/vapors/spray
In case of inadequate ventilation wear respiratory protection
Contaminated work clothing should not be allowed out of the workplace

**Precautionary Statements - Response**
IF exposed or concerned: Get medical advice/attention
Specific treatment (see .? on this label)
IF ON SKIN: Wash with plenty of soap and water
If skin irritation or rash occurs: Get medical advice/attention
Wash contaminated clothing before reuse
IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing
If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician

**Precautionary Statements - Storage**
Store locked up

**Precautionary Statements - Disposal**
Dispose of contents/ container to an approved waste disposal plant

19 % of the mixture consists of ingredient(s) of unknown toxicity

### 2.3. Other Information

Causes mild skin irritation.

## 3. Composition/information on ingredients

### 3.1. Substances

Not applicable.

### Mixture

| Chemical name | CAS No. | Weight-% |
|---|---|---|
| Limestone | 1317-65-3 | 30 - 60 |
| Hydrocarbons, C9-unsaturated, polymerized | 71302-83-5 | 5 - <10 |
| Propylene carbonate | 108-32-7 | 1 - <5 |
| Carbon black | 1333-86-4 | 0.1 - <1 |
| Quartz | 14808-60-7 | 0.1 - <1 |
| Benzenesulfonyl isocyanate, 4-methyl- | 4083-64-1 | 0.1 - <1 |
| Dibutyltin dilaurate | 77-58-7 | 0.1 - <1 |
| N-(trichlloromethylthio)phthalimide | 133-07-3 | 0.1 - <1 |

**The exact percentage (concentration) of composition has been withheld as a trade secret*

## 4. First-aid measures

### 4.1. Description of first aid measures

**General advice** Show this safety data sheet to the doctor in attendance. IF exposed or concerned: Get medical advice/attention.

**Inhalation** May cause allergic respiratory reaction. Remove to fresh air. If breathing has stopped, give artificial respiration. Get medical attention immediately. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. Get immediate medical attention.

**Eye contact** Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Keep eye wide open while rinsing. Do not rub affected area. If symptoms persist, call a physician.

**Skin contact** May cause an allergic skin reaction. Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Wash contaminated clothing before reuse. In the case of skin irritation or allergic reactions see a physician. May cause sensitization by skin contact.

**Ingestion** May produce an allergic reaction. Rinse mouth. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Get immediate medical advice/attention.

**Self-protection of the first aider** Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Avoid contact with skin, eyes or clothing. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. Use personal protective equipment as required. See section 8 for more information.

### 4.2. Most important symptoms and effects, both acute and delayed

**Symptoms** May cause allergy or asthma symptoms or breathing difficulties if inhaled. Coughing and/ or wheezing. Itching. Rashes. Hives. Prolonged contact may cause redness and irritation.

**Effects of Exposure** No information available.

### 4.3. Indication of any immediate medical attention and special treatment needed

**Note to physicians** May cause sensitization in susceptible persons. Treat symptomatically.

## 5. Fire-fighting measures

### 5.1. Extinguishing media

**Suitable Extinguishing Media** Dry chemical, CO2, alcohol-resistant foam or water spray. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Large Fire** CAUTION: Use of water spray when fighting fire may be inefficient.

**Unsuitable extinguishing media** Do not scatter spilled material with high pressure water streams.

### 5.2. Special hazards arising from the substance or mixture

**Specific hazards arising from the chemical** Product is or contains a sensitizer. May cause sensitization by inhalation. May cause sensitization by skin contact.

**Hazardous combustion products** Carbon oxides. Carbon monoxide. Carbon dioxide (CO2).

**Explosion data**
**Sensitivity to mechanical impact** None.

**Sensitivity to static discharge** None.

**5.3. Advice for firefighters**

**Special protective equipment and precautions for fire-fighters** As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## 6. Accidental release measures

**6.1. Personal precautions, protective equipment and emergency procedures**

**Personal precautions** Use personal protective equipment as required. Keep people away from and upwind of spill/leak. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation.

**Other information** Refer to protective measures listed in Sections 7 and 8.

**6.2. Environmental precautions**

**Environmental precautions** Prevent further leakage or spillage if safe to do so. Do not flush into surface water or sanitary sewer system. Prevent entry into waterways, sewers, basements or confined areas. Prevent product from entering drains. See Section 12 for additional Ecological Information.

**6.3. Methods and material for containment and cleaning up**

**Methods for containment** Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up** Use personal protective equipment as required. Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers. Clean contaminated surface thoroughly.

**Reference to other sections** See section 8 for more information. See section 13 for more information.

## 7. Handling and storage

**7.1. Precautions for safe handling**

**Advice on safe handling** Use personal protection equipment. Handle in accordance with good industrial hygiene and safety practice. Ensure adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash before reuse. Remove contaminated clothing and shoes.

**7.2. Conditions for safe storage, including any incompatibilities**

**Storage Conditions** Keep containers tightly closed in a dry, cool and well-ventilated place. Store locked up. Keep out of the reach of children. Protect from moisture.

**Recommended storage temperature** Keep at temperatures between 50 and 95 °F / 10 and 35 °C.

**7.3 References to other sections**

**Reference to other sections** Section 10: STABILITY AND REACTIVITY
Section 13: DISPOSAL CONSIDERATIONS

## 8. Exposure controls/personal protection

**8.1. Control parameters**

**Exposure Limits** This product contains substances which in their raw state are powder form, however in this product they are in a non-respirable form. Inhalation of powder/dust particles is unlikely to occur from exposure to this product.

| Chemical name | ACGIH TLV | OSHA PEL | NIOSH |
|---|---|---|---|
| Limestone<br>1317-65-3 | - | TWA: 15 mg/m³ total dust<br>TWA: 5 mg/m³ respirable fraction<br>(vacated) TWA: 15 mg/m³ total dust<br>(vacated) TWA: 5 mg/m³ respirable fraction | TWA: 10 mg/m³ total dust<br>TWA: 5 mg/m³ respirable dust |
| Hydrocarbons, C9-unsaturated, polymerized<br>71302-83-5 | 10 mg/m³ (inhalable dust) 3 mg/m³ (respirable dust) Particulates, not otherwise classified | - | - |
| Carbon black<br>1333-86-4 | TWA: 3 mg/m³ inhalable particulate matter | TWA: 3.5 mg/m³<br>(vacated) TWA: 3.5 mg/m³ | IDLH: 1750 mg/m³<br>TWA: 3.5 mg/m³<br>TWA: 0.1 mg/m³ Carbon black in presence of Polycyclic aromatic hydrocarbons PAH |
| Quartz<br>14808-60-7 | TWA: 0.025 mg/m³ respirable particulate matter | TWA: 50 µg/m³<br>(vacated) TWA: 0.1 mg/m³ respirable dust<br>: (250)/(%SiO2 + 5) mppcf TWA respirable fraction<br>: (10)/(%SiO2 + 2) mg/m³ TWA respirable fraction | IDLH: 50 mg/m³ respirable dust<br>TWA: 0.05 mg/m³ respirable dust |
| Dibutyltin dilaurate<br>77-58-7 | TWA: 0.1 mg/m³ Sn<br>STEL: 0.2 mg/m³ Sn<br>Sk* | TWA: 0.1 mg/m³ Sn<br>(vacated) TWA: 0.1 mg/m³ Sn<br>(vacated) S* | IDLH: 25 mg/m³ Sn<br>TWA: 0.1 mg/m³ except Cyhexatin Sn |
| N-(trichlloromethylthio)phthalimide<br>133-07-3 | TWA: 1 mg/m³ inhalable particulate matter<br>dermal sensitizer | - | - |

| Chemical name | Argentina | Brazil | Chile | Colombia |
|---|---|---|---|---|
| Limestone<br>1317-65-3 | TWA: 10 mg/m³ | - | LPP: 7 mg/m³<br>LPP: 5 mg/m³ | - |
| Carbon black<br>1333-86-4 | TWA: 3.5 mg/m³ | TWA: 3.5 mg/m³ | - | TWA: 3mg/m³ |
| Quartz<br>14808-60-7 | TWA: 0.05 mg/m³ | TWA: 0.025 mg/m³ | LPP: 0.08 mg/m³ | TWA: 0.025mg/m³ |
| Dibutyltin dilaurate<br>77-58-7 | TWA: 0.1 mg/m³<br>STEL: 0.2 mg/m³<br>Sk* | TWA: 0.1 mg/m³<br>STEL: 0.2 mg/m³ | LPP: 0.09 mg/m³<br>Sk* | STEL: 0.2mg/m³<br>TWA: 0.1mg/m³ |

| | | | | |
|---|---|---|---|---|
| N-(trichlloromethylthio)phthalimide<br>133-07-3 | - | TWA: 1 mg/m³ | - | TWA: 1mg/m³ |

| Chemical name | Costa Rica | Peru | Uruguay | Venezuela |
|---|---|---|---|---|
| Carbon black<br>1333-86-4 | TWA: 3mg/m³ | TWA: 3.5mg/m³ | 3 mg/m³ TWA (inhalable particulate matter) | TWA: 3.5 mg/m³ |
| Quartz<br>14808-60-7 | TWA: 0.025mg/m³ | TWA: 0.05mg/m³ | 0.025 mg/m³ TWA (respirable particulate matter) | TWA: 0.025 mg/m³ |
| Dibutyltin dilaurate<br>77-58-7 | TWA: 0.1mg/m³<br>STEL: 0.2mg/m³ | STEL: 0.2mg/m³<br>TWA: 0.1mg/m³ | 0.2 mg/m³ STEL (as Sn)<br>0.1 mg/m³ TWA (as Sn) | Skin<br>STEL: 0.2 mg/m³<br>TWA: 0.1 mg/m³ |
| N-(trichlloromethylthio)phthalimide<br>133-07-3 | - | - | 1 mg/m³ TWA (inhalable particulate matter) | - |

### 8.2. Exposure controls

**Appropriate engineering controls**

**Engineering controls** Showers
Eyewash stations
Ventilation systems.

**Individual protection measures, such as personal protective equipment**

**Eye/face protection** Wear safety glasses with side shields (or goggles). Avoid contact with eyes.

**Hand protection** Wear suitable chemical resistant gloves. The selection of suitable gloves does not only depend on the material, but also on further marks of quality and various manufacturers.

**Skin and body protection** Wear suitable protective clothing.

**Respiratory protection** Use appropriate respiratory protection.

**General hygiene considerations** Wear suitable gloves and eye/face protection. Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product. Avoid contact with skin, eyes or clothing. Wash hands before breaks and immediately after handling the product. Remove and wash contaminated clothing and gloves, including the inside, before re-use. Regular cleaning of equipment, work area and clothing is recommended.

## 9. Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

**Physical state** Liquid
**Appearance** Paste
**Color** Brown
**Odor** No information available

**Odor threshold** No information available

| Property | Values | Remarks • Method |
|---|---|---|
| **pH** | No data available | None known |
| **pH (as aqueous solution)** | No data available | None known |
| **Melting point / freezing point** | No data available | None known |
| **Initial boiling point and boiling range** | No data available | None known |
| **Flash point** | > 93 °C / 200 °F | |
| **Evaporation rate** | No data available | None known |
| **Flammability** | No data available | None known |
| **Flammability Limit in Air** | | None known |
| **Upper flammability or explosive limits** | No data available | |
| **Lower flammability or explosive limits** | No data available | |
| **Vapor pressure** | No data available | None known |
| **Relative vapor density** | No data available | None known |
| **Relative density** | No data available | None known |
| **Water solubility** | No data available | None known |
| **Solubility(ies)** | No data available | None known |
| **Partition coefficient** | No data available | None known |
| **Autoignition temperature** | No data available | None known |
| **Decomposition temperature** | No data available | None known |
| **Kinematic viscosity** | No data available | None known |
| **Dynamic viscosity** | No data available | None known |

**9.2. Other information**

| | |
|---|---|
| **Explosive properties** | No information available |
| **Oxidizing properties** | No information available |
| **Solvent content (%)** | No information available |
| **Solid content (%)** | 96.8 |
| **Softening point** | No information available |
| **Molecular weight** | No information available |
| **VOC content** | No information available |
| **Density** | 1.712 g/cm³ |
| **Bulk density** | No information available |

## 10. Stability and reactivity

**10.1. Reactivity**

**Reactivity** No information available.

**10.2. Chemical stability**

**Chemical stability** Stable under normal conditions.

**10.3. Possibility of hazardous reactions**

**Possibility of hazardous reactions** None under normal processing.

**Hazardous polymerization** Hazardous polymerization may occur.

**10.4. Conditions to avoid**

**Conditions to avoid** Protect from moisture.

**10.5. Incompatible materials**

**Incompatible materials** Water. Alcohols. Strong bases. Strong oxidizing agents. Finely powdered metals.

**10.6. Hazardous decomposition products**

**Hazardous decomposition products** Carbon monoxide Carbon dioxide (CO2) Nitrogen oxides (NOx) Hydrogen cyanide Thermal decomposition can lead to release of irritating and toxic gases and vapors

## 11. Toxicological information

**11.1. Information on toxicological effects**

**Product Information**

**Inhalation** Specific test data for the substance or mixture is not available. May cause sensitization in susceptible persons. (based on components).

**Eye contact** Based on available data, the classification criteria are not met.

**Skin contact** Specific test data for the substance or mixture is not available. Repeated or prolonged skin contact may cause allergic reactions with susceptible persons. (based on components). May cause sensitization by skin contact. Causes mild skin irritation.

**Ingestion** Specific test data for the substance or mixture is not available. May cause additional affects as listed under "Inhalation".

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

**Symptoms** Symptoms of allergic reaction may include rash, itching, swelling, trouble breathing, tingling of the hands and feet, dizziness, lightheadedness, chest pain, muscle pain, or flushing. Coughing and/ or wheezing. Itching. Rashes. Hives. Prolonged contact may cause redness and irritation.

**Acute toxicity**
**Numerical measures of toxicity**

**The following values are calculated based on chapter 3.1 of the GHS document**

| | |
|---|---|
| **ATEmix (oral)** | >5000 mg/kg |
| **ATEmix (dermal)** | 17,539.90 mg/kg |
| **ATEmix (inhalation-gas)** | >20000 ppm |
| **ATEmix (inhalation-dust/mist)** | >5 mg/l |
| **ATEmix (inhalation-vapor)** | >20 mg/l |

**Component Information**

| Chemical name | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|---|---|---|---|
| Limestone<br>1317-65-3 | >5000 mg/kg (Rattus) | - | - |
| Hydrocarbons, C9-unsaturated, polymerized<br>71302-83-5 | LD50 >2000 mg/kg Rat (OECD 423) | LD50 > 2000 mg/kg (Rattus) OECD 402 | LC0 (4h) > 5.14 mg/L (Rattus) OECD 403 |
| Propylene carbonate<br>108-32-7 | LD50 > 5000 mg/kg (Rattus) OECD 401 | > 3000 mg/kg (Oryctolagus cuniculus) | - |
| Carbon black<br>1333-86-4 | LD50 > 8000 mg/kg (Rattus) OECD 401 | > 3 g/kg (Oryctolagus cuniculus) | > 4.6 mg/m$^3$ ( Rat ) 4 h |

| | | | |
|---|---|---|---|
| Quartz<br>14808-60-7 | >2000 mg/kg (Rattus) | - | - |
| Benzenesulfonyl isocyanate, 4-methyl-<br>4083-64-1 | =2234 mg/kg (Rattus) | LD 50 (Rattus) > 2000 mg/kg OECD 402 | >640 ppm (Rattus) 1 h |
| Dibutyltin dilaurate<br>77-58-7 | =2071 mg/kg (Rattus) OECD 401 | > 2000 mg/kg (Rattus) | - |
| N-(trichlloromethylthio)phthalimide<br>133-07-3 | =2636 mg/kg (Rattus) | > 22600 mg/kg (Oryctolagus cuniculus) > 5000 mg/kg (Rattus) | >0.48 g/m$^3$ (Rattus) 4 h > 5 g/m$^3$ (Rattus) 2 h |

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Skin corrosion/irritation** Classification based on data available for ingredients. Causes mild skin irritation.

**Serious eye damage/eye irritation** Based on available data, the classification criteria are not met.

**Respiratory or skin sensitization** May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause an allergic skin reaction.

**Germ cell mutagenicity** Based on available data, the classification criteria are not met.

**Carcinogenicity** This product contains substances which in their raw state are powder form, however in this product they are in a non-respirable form. Inhalation of powder/dust particles is unlikely to occur from exposure to this product. Contains a known or suspected carcinogen. Classification based on data available for ingredients. Suspected of causing cancer.

The table below indicates whether each agency has listed any ingredient as a carcinogen.

| Chemical name | ACGIH | IARC | NTP | OSHA |
|---|---|---|---|---|
| Carbon black<br>1333-86-4 | A3 | Group 2B | - | X |
| Quartz<br>14808-60-7 | A2 | Group 1 | Known | X |
| N-(trichlloromethylthio)phthalimide<br>133-07-3 | A3 | - | - | - |

**Legend**
**ACGIH (American Conference of Governmental Industrial Hygienists)**
*A3 - Animal Carcinogen*
**IARC (International Agency for Research on Cancer)**
*Group 2B - Possibly Carcinogenic to Humans*
**OSHA (Occupational Safety and Health Administration of the US Department of Labor)**
*X - Present*

**Reproductive toxicity** Contains a known or suspected reproductive toxin. Classification based on data available for ingredients. May damage fertility or the unborn child.

**STOT - single exposure** Based on available data, the classification criteria are not met.

**STOT - repeated exposure** Based on available data, the classification criteria are not met.

**Aspiration hazard** Based on available data, the classification criteria are not met.

**Other adverse effects** No information available.

**Interactive effects** No information available.

## 12. Ecological information

### 12.1. Toxicity

**Ecotoxicity**

| Chemical name | Algae/aquatic plants | Fish | Toxicity to microorganisms | Crustacea |
|---|---|---|---|---|
| Limestone 1317-65-3 | CE50 (72h) >200mg/L Algae (Desmondesmus subspicatus) | CL50 (96h)>10000mg/L (Oncorhynchus mykiss) | - | CE50 (48h) >1000 mg/L Daphnia Magna |
| Hydrocarbons, C9-unsaturated, polymerized 71302-83-5 | EL50 (72h) >100 mg/L (Desmodesmus subspicatus) OECD 201 | LL50 (96h) = 25.8 mg/L (Danio rerio) OECD 203 | - | EL50 (48h) =54 mg/L (Daphnia magna) OECD 202 |
| Propylene carbonate 108-32-7 | ErC50 (72h): > 900mg/L (Desmodesmus subspicatus, OECD-201) | LC50 (96) h > 1000 mg/L (Cyprinus carpio, 67/548/EWG, Annex V, C.1.) | EC50 > 10000 mg/L 17 h | EC50 (48h): > 1000mg/L (Daphnia magna, OECD 202) |
| Carbon black 1333-86-4 | >10000 mg/l (Desmodesmus subspicatus) OECD 202 | >1000 mg/l (Brachydanio rerio) OCDE 203 | - | EC50: >5600mg/L (24h, Daphnia magna) |
| Dibutyltin dilaurate 77-58-7 | EC50 1 (72h) mg/L (desmodesmus subspicatus) | LC50: =2mg/L (48h, Oryzias latipes) | - | 0,463 (48h) mg/L (daphnia magma) |

### 12.2. Persistence and degradability

**Persistence and degradability** No information available.

### 12.3. Bioaccumulative potential

**Bioaccumulation** There is no data for this product.

**Component Information**

| Chemical name | Partition coefficient |
|---|---|
| Limestone 1317-65-3 | 0.9 |
| Hydrocarbons, C9-unsaturated, polymerized 71302-83-5 | 6.3 |
| Propylene carbonate 108-32-7 | -0.41 |
| Benzenesulfonyl isocyanate, 4-methyl- 4083-64-1 | 0.6 |
| Dibutyltin dilaurate 77-58-7 | 4.44 |

**12.4. Mobility in soil**

**Mobility** No information available.

**Other adverse effects**

**Other adverse effects** No information available.

## 13. Disposal considerations

**13.1. Waste treatment methods**

**Waste from residues/unused products** It is the responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste identification and disposal methods in compliance with applicable regulations.

**Contaminated packaging** Dispose of in accordance with federal, state and local regulations.

## 14. Transport information

**DOT** Not regulated

**IATA** Not regulated

**IMDG** Not regulated

## 15. Regulatory information

**International Inventories**

| | |
|---|---|
| **TSCA** | Listed |
| **DSL** | Listed |

**Legend:**
**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory
**DSL** - Canadian Domestic Substances List
**Listed** - The components of this product are either listed or exempt from listing on inventory.
**Not Listed** - One or more components of this product are not listed on inventory.

**US Federal Regulations**

**SARA 313**
Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

| Chemical name | CAS No. | SARA 313 - Threshold Values % |
|---|---|---|
| N-(trichlloromethylthio)phthalimide | 133-07-3 | 1.0 |

**SARA 311/312 Hazard Categories**
Should this product meet EPCRA 311/312 Tier reporting criteria at 40 CFR 370, refer to Section 2 of this SDS for appropriate classifications.

**Europe**

**Restrictions of Use of Hazardous Substances (RoHS) Directive 2011/65/EU**

This product does not contain Lead, Cadmium, Mercury, Hexavalent chromium, Polybrominated biphenyls (PBB), Polybrominated diphenyl ethers (PBDE), Bis(2-Ethylhexyl) phthalate (DEHP), Benzyl butyl phthalate (BBP), Dibutyl phthalate (DBP) and Diisobutyl phthalate (DIBP) above the regulated limit mentioned in this regulation. This document is based on the information given to us by our own suppliers at the date of this document.

**SVHC: Substances of Very High Concern for Authorization:**
This product does not contain candidate substances of very high concern at a concentration >=0.1% (Regulation (EC) No. 1907/2006 (REACH), Article 59)

## 16. Other information

**Key or legend to abbreviations and acronyms used in the safety data sheet**

**Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

| | | | |
|---|---|---|---|
| TWA | TWA (time-weighted average) | STEL | STEL (Short Term Exposure Limit) |
| Ceiling | Maximum limit value | Sk* | Skin designation |

**Prepared By** Product Safety & Regulatory Affairs.

**Revision date** 26-Feb-2024

**Revision Note** SDS sections updated. 2. 3.

**Disclaimer**

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**requirements and to conduct all necessary tests and inspections.**

**End of Safety Data Sheet**