

SAFETY DATA SHEET

Geon™ MB2715 LO TEMP SELF BOND (PX11676)

Version Number 1.9
 Revision Date 06/16/2026

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Geon™ MB2715 LO TEMP SELF BOND (PX11676)

Section 1. Identification

GHS product identifier : Geon™ MB2715 LO TEMP SELF BOND (PX11676)
Chemical name : Mixture
CAS number : Mixture
Other means of identification : FO20025698
Product type : liquid

Relevant identified uses of the substance or mixture or uses advised against

Product use : Industrial applications. Plastics.

Supplier's details : **AVIENT CORPORATION**
 33587 Walker Road, Avon Lake, OH 44012
 1 (440) 930-1000 or 1 (844) 4AVIENT

Emergency telephone number (with hours of operation) : CHEMTREC 1-800-424-9300 (24hrs for spill, leak, fire, exposure or accident).

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
 SERIOUS EYE DAMAGE - Category 1
 CARCINOGENICITY - Category 1A
 SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Respiratory tract irritation) - Category 3

GHS label elements

Hazard pictograms : 

Signal word : Danger
Hazard statements : Causes skin irritation.

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Causes serious eye damage.
 May cause respiratory irritation.
 May cause cancer.

Precautionary statements

- Prevention** : Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves, protective clothing and eye or face protection. Use only outdoors or in a well-ventilated area. Avoid breathing vapor. Wash thoroughly after handling.
- Response** : IF exposed or concerned: Get medical advice or attention. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor if you feel unwell. IF ON SKIN: Wash with plenty of water. If skin irritation occurs: Get medical advice or attention. Take off contaminated clothing and wash it before reuse. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor.
- Storage** : Store locked up. Store in a well-ventilated place. Keep container tightly closed.
- Disposal** : Dispose of contents and container in accordance with all local, regional, national and international regulations.
- Hazards not otherwise classified** : None known.
- Hazards identified when used** : No known significant effects or critical hazards.

Section 3. Composition/information on ingredients

- Substance/mixture** : Mixture
- Chemical name** : Geon™ MB2715 LO TEMP SELF BOND (PX11676)
- Other means of identification** : Geon™ MB2715 LO TEMP SELF BOND (PX11676)

| Ingredient name | Synonyms | % | Identifiers |
|---|---|---------------|-----------------|
| Calcium oxide | calcium oxide | >= 15 - <= 30 | CAS: 1305-78-8 |
| Limestone | Limestone | >= 10 - <= 30 | CAS: 1317-65-3 |
| 1,2-Benzenedicarboxylic acid, di-C8-10-branched alkyl esters, C9-rich | 1,2-Benzenedicarboxylic acid, di-C8-10-branched alkyl esters, C9-rich | >= 7 - <= 13 | CAS: 68515-48-0 |
| Ethene, chloro-, homopolymer | Ethene, chloro-, homopolymer | >= 5 - <= 10 | CAS: 9002-86-2 |
| 1,3-Benzenediol | resorcinol | >= 1 - <= 1.5 | CAS: 108-46-3 |
| Naphtha (petroleum), hydrotreated heavy | Naphtha (petroleum), hydrotreated heavy | >= 1 - <= 1.2 | CAS: 64742-48-9 |

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| | | | |
|----------------------------|---------------------------------------|-----------|-----------------|
| Quartz (SiO ₂) | crystalline silica, respirable powder | > 0 - < 1 | CAS: 14808-60-7 |
|----------------------------|---------------------------------------|-----------|-----------------|

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 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** : Get medical attention immediately. Call a poison center or physician. 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. Chemical burns must be treated promptly by a physician.
- Inhalation** : Get medical attention immediately. Call a poison center or physician. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. 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. 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.
- Skin contact** : Get medical attention immediately. Call a poison center or physician. Wash contaminated skin with 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. Chemical burns must be treated promptly by a physician. Wash clothing before reuse. Clean shoes thoroughly before reuse.
- Ingestion** : Get medical attention immediately. Call a poison center or physician. Wash out mouth with water. Remove dentures if any. 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. Chemical burns must be treated promptly by a physician. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and

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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 damage.
- Inhalation** : May cause respiratory irritation.
- Skin contact** : Causes skin irritation.
- Ingestion** : No known significant effects or critical hazards.

Over-exposure signs/symptoms

- Eye contact** : Adverse symptoms may include the following: pain, watering, redness
- Inhalation** : Adverse symptoms may include the following: respiratory tract irritation, coughing
- Skin contact** : Adverse symptoms may include the following: pain or irritation, redness, blistering may occur
- Ingestion** : Adverse symptoms may include the following: stomach pains

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

- Notes to physician** : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
- Specific treatments** : No specific treatment.
- 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 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** : In case of fire, use water spray (fog), foam, dry chemical or CO₂.
- 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.

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- Hazardous thermal decomposition products** : May emit Hydrogen Chloride (HCl). Decomposition products may include the following materials:, carbon dioxide, carbon monoxide, sulfur oxides, halogenated compounds, 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. Do not breathe 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).

Methods and materials for containment and cleaning up

- Small spill** : Stop leak if without risk. Move containers from spill area. Absorb with an inert 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. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. 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.

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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 skin or clothing. Do not breathe vapor or mist. Do not ingest. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. 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 reuse 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. Store in a well-ventilated place. 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.

Section 8. Exposure controls/personal protection

Control parameters

Occupational exposure limits

| Ingredient name | Exposure limits |
|-----------------|--|
| Calcium oxide | <p>CAL OSHA PEL (2018-05-16). [calcium oxide] TWA 8 hours: 2 mg/m3</p> <p>ACGIH TLV (1994-09-01). [Calcium oxide] TWA 8 hours: 2 mg/m3</p> <p>NIOSH REL (2010-09-01). [CALCIUM OXIDE] TWA 10 hours: 2 mg/m3</p> <p>OSHA PEL 1989 (1989-03-01). [Calcium oxide] TWA 8 hours: 5 mg/m3</p> <p>OSHA PEL (1993-06-30). [Calcium oxide] TWA 8 hours: 5 mg/m3</p> |

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|--|--|
| <p>Limestone</p> | <p>CAL OSHA PEL (2018-05-16). [limestone] TWA 8 hours: 10 mg/m3 Form: Total dust TWA 8 hours: 5 mg/m3 Form: Respirable fraction OSHA PEL 1989 (1989-03-01). [Calcium carbonate] TWA 8 hours: 5 mg/m3 Form: Respirable fraction TWA 8 hours: 15 mg/m3 Form: Total dust OSHA PEL 1989 (1989-03-01). [Limestone] TWA 8 hours: 5 mg/m3 Form: Respirable fraction TWA 8 hours: 15 mg/m3 Form: Total dust OSHA PEL 1989 (1989-03-01). [Marble] TWA 8 hours: 5 mg/m3 Form: Respirable fraction TWA 8 hours: 15 mg/m3 Form: Total dust OSHA PEL (1993-06-30). [Calcium Carbonate] TWA 8 hours: 5 mg/m3 Form: Respirable fraction TWA 8 hours: 15 mg/m3 Form: Total dust NIOSH REL (2015-02-13). [calcium carbonate] TWA 10 hours: 10 mg/m3 Form: Total TWA 10 hours: 5 mg/m3 Form: Respirable fraction</p> |
| <p>1,2-Benzenedicarboxylic acid, di-C8-10-branched alkyl esters, C9-rich</p> | <p>None.</p> |
| <p>Ethene, chloro-, homopolymer</p> | <p>ACGIH TLV (2008-01-01). [Polyvinyl chloride] A4. TWA 8 hours: 1 mg/m3 Form: Respirable fraction</p> |
| <p>1,3-Benzenediol</p> | <p>CAL OSHA PEL (2018-05-16). [resorcinol] TWA 8 hours: 45 mg/m3 10 ppm STEL 15 minutes: 90 mg/m3 20 ppm ACGIH TLV (1996-05-18). [Resorcinol] A4. STEL 15 minutes: 90 mg/m3 20 ppm TWA 8 hours: 45 mg/m3 10 ppm NIOSH REL (2010-09-01). [RESORCINOL] STEL 15 minutes: 90 mg/m3 20 ppm TWA 10 hours: 45 mg/m3 10 ppm OSHA PEL 1989 (1989-03-01). [Resorcinol] STEL 15 minutes: 90 mg/m3 20 ppm TWA 8 hours: 45 mg/m3 10 ppm</p> |
| <p>Naphtha (petroleum), hydrotreated heavy</p> | <p>None.</p> |
| <p>Quartz (SiO2)</p> | <p>OSHA PEL Z3 (1997-09-03). [Silica, Crystalline Quartz non-respirable] TWA 8 Hours: 30/ (%SiO₂+2) mg/m³ Form: Total dust</p> |

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|--|--|
| | <p>OSHA PEL Z3 (2016-06-23). [Silica, Crystalline Quartz respirable powder] TWA 8 Hours: 10/ (%SiO₂+2) mg/m³ Form: Respirable TWA 8 Hours: 250/ (%SiO₂+5) mppcf Form: Respirable CAL OSHA PEL (2018-05-16). [silica, crystalline - quartz] TWA 8 hours: 0.05 mg/m³ OSHA PEL 1989 (1989-03-01). [Silica, crystalline quartz (as quartz), respirable dust] TWA 8 hours: 0.1 mg/m³ (Calculated as Quartz) Form: Respirable dust OSHA PEL (2016-06-23). [Silica, crystalline] TWA 8 hours: 50 µg/m³ Form: Respirable dust NIOSH REL (2010-09-01). [SILICA, CRYSTALLINE (AS RESPIRABLE DUST)] See Appendix A - NIOSH Potential Occupational Carcinogen. TWA 10 hours: 0.05 mg/m³ Form: Respirable dust ACGIH TLV (2005-12-09). [Silica, crystalline] A2. TWA 8 hours: 0.025 mg/m³ Form: Respirable fraction</p> |
|--|--|

Biological exposure indices

No exposure indices known.

- Appropriate engineering controls** : Use only with adequate ventilation. If user operations generate dust, fumes, gas, vapor or mist, 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.

Individual protection measures

- Hygiene measures** : 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 workstation location.
- Eye/face protection** : 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 and/or face

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shield. If inhalation hazards exist, a full-face respirator may be required instead.

Skin protection

- Hand protection** : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.
- 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.
- 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** : 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

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

Appearance

- Physical state** : liquid [liquid]
- Color** : BROWN
- Odor** : Not available.
- Odor threshold** : Not available.
- pH** : Not available.
- Melting point/freezing point** : Not available.
- Boiling point or initial boiling point and boiling range** : Not available.
- Flash point** : Not available.
- Evaporation rate** : Not available.

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- Flammability** : Not available.
- Lower and upper explosion limit/flammability limit** : **Lower:** Not available.
Upper: Not available.
- Vapor pressure** : Not available.
- Relative vapor density** : Not available.
- Relative density** : Not available.
- Solubility in water** : Not available.
- Partition coefficient: n-octanol/water** : Not applicable.
- Auto-ignition temperature** : Not available.
- Decomposition temperature** : Not available.
- Viscosity** : **Dynamic** : Not available.
Kinematic : Not available.

Particle characteristics

- Median particle size** : Not applicable.

Section 10. Stability and reactivity

- Reactivity** : No specific test data related to reactivity available for this product or its ingredients.
- Chemical stability** : Stable under recommended storage and handling conditions (see Section 7).
- Possibility of hazardous reactions** : Under normal conditions of storage and use, hazardous reactions will not occur.
- Conditions to avoid** : Keep away from extreme heat and oxidizing agents.
- Incompatible materials** : Avoid contact with acetal homopolymers and acetyl homopolymers during processing.
- Hazardous decomposition products** : Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11. Toxicological information

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Information on toxicological effects

Acute toxicity

| Product/ingredient name | Result |
|---|---|
| 1,2-Benzenedicarboxylic acid, di-C8-10-branched alkyl esters, C9-rich | Rat - Oral - LD50 10,000 mg/kg |
| 1,3-Benzenediol | Rat - Oral - LD50 202 mg/kg Rabbit - Dermal - LD50 3,360 mg/kg |
| Naphtha (petroleum), hydrotreated heavy | Rat - Oral - LD50 6,000 mg/kg Rat - Inhalation - LC50 Vapor 8.5 Mg/l [4 h] |

Conclusion/Summary : Mixture.Not fully tested.

Skin corrosion/irritation

| Product/ingredient name | Result |
|-------------------------|--|
| 1,3-Benzenediol | Rabbit - Skin - Moderate irritant Duration of treatment/exposure: 24 hrs Rabbit - Skin - Severe irritant |

Conclusion/Summary : Mixture.Not fully tested.

Serious eye damage/eye irritation

| Product/ingredient name | Result |
|---|--|
| 1,2-Benzenedicarboxylic acid, di-C8-10-branched alkyl esters, C9-rich | Rabbit - Eyes - Mild irritant |
| 1,3-Benzenediol | Rabbit - Eyes - Severe irritant Rabbit - Eyes - Severe irritant |

Conclusion/Summary : Mixture.Not fully tested.

Respiratory corrosion/irritation

Conclusion/Summary : Mixture.Not fully tested.

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Respiratory or skin sensitization

Skin

Conclusion/Summary : Mixture.Not fully tested.

Respiratory

Conclusion/Summary : Mixture.Not fully tested.

Germ cell mutagenicity

Conclusion/Summary : Mixture.Not fully tested.

Carcinogenicity

Conclusion/Summary : Mixture.Not fully tested.

Classification

| Product/ingredient name | OSHA | IARC | NTP |
|------------------------------|------|------|---------------------------------|
| Ethene, chloro-, homopolymer | - | 3 | - |
| 1,3-Benzenediol | - | 3 | - |
| Quartz (SiO ₂) | + | 1 | Known to be a human carcinogen. |

Reproductive toxicity

Conclusion/Summary : Mixture.Not fully tested.

Specific target organ toxicity (single exposure)

| Product/ingredient name | Result |
|-------------------------|---|
| Calcium oxide | SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Respiratory tract irritation) - Category 3 |

Specific target organ toxicity (repeated exposure)

| Product/ingredient name | Result |
|----------------------------|--|
| Quartz (SiO ₂) | SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 1 |

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Aspiration hazard

| Product/ingredient name | Result |
|---|--------------------------------|
| Naphtha (petroleum), hydrotreated heavy | ASPIRATION HAZARD - Category 1 |

Information on the likely routes of exposure

Not available.

Potential acute health effects

- Eye contact** : Causes serious eye damage.
- Inhalation** : May cause respiratory irritation.
- Skin contact** : Causes skin irritation.
- 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, watering, redness
- Inhalation** : Adverse symptoms may include the following: respiratory tract irritation, coughing
- Skin contact** : Adverse symptoms may include the following: pain or irritation, redness, blistering may occur
- Ingestion** : Adverse symptoms may include the following: stomach pains

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.

- Conclusion/Summary** : Mixture. Not fully tested.

- General** : No known significant effects or critical hazards.
- Carcinogenicity** : May cause cancer. Risk of cancer depends on duration and level of exposure.

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Mutagenicity : No known significant effects or critical hazards.
Reproductive toxicity : No known significant effects or critical hazards.

Numerical measures of toxicity

Acute toxicity estimates

| Product/ingredient name | Oral | Dermal | Inhalation (gases) | Inhalation (vapors) | Inhalation (dusts and mists) |
|---|--------------|--------------|--------------------|---------------------|------------------------------|
| Geon™ MB2715 LO TEMP SELF BOND (PX11676) | 3999.4 mg/kg | 7743.3 mg/kg | N/A | 23 Mg/l | N/A |
| 1,2-Benzenedicarboxylic acid, di-C8-10-branched alkyl esters, C9-rich | 10000 mg/kg | N/A | N/A | N/A | N/A |
| 1,3-Benzenediol | 202 mg/kg | 3360 mg/kg | N/A | N/A | N/A |
| Naphtha (petroleum), hydrotreated heavy | 6000 mg/kg | N/A | N/A | 8.5 Mg/l | N/A |

Section 12. Ecological information

Toxicity

| Product/ingredient name | Result |
|-------------------------|---|
| Calcium oxide | Chronic NOEC Fresh water Fish - <i>Oreochromis niloticus</i> 100 Mg/l [46 d] |
| 1,3-Benzenediol | Acute LC50 Fresh water Fish - <i>Pimephales promelas</i> 40 Mg/l [96 h] Acute LC50 Marine water Crustaceans - <i>Palaemonetes pugio</i> 78 Mg/l [48 h] Acute LC50 Fresh water Daphnia - <i>Daphnia pulicaria</i> > 100 Mg/l [48 h] |

Conclusion/Summary : Not available.

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Persistence and degradability

Not available.

Conclusion/Summary : Not available.

Bioaccumulative potential

| Product/ingredient name | LogPow | BCF | Potential |
|---|--------|------------------------|-----------|
| Calcium oxide | - | 2.34 [EPA 600/R-94/02] | Low |
| 1,2-Benzenedicarboxylic acid, di-C8-10-branched alkyl esters, C9-rich | 8.8 | 3.00 | Low |
| 1,3-Benzenediol | 0.8 | 3.16 | Low |
| Naphtha (petroleum), hydrotreated heavy | - | 10.00 - 2,500.00 | High |

Mobility in soil

Soil/Water partition coefficient : 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.

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Section 14. Transport information

- U.S.DOT 49CFR Ground/Air/Water : Not classified as dangerous for transport purposes.
- IATA : Not classified as dangerous for transport purposes.
- IMDG : Not classified as dangerous for transport purposes.

Section 15. Regulatory information

U.S. Federal regulations

TSCA 8(a) CDR Exempt/Partial exemption: Not determined

TSCA 12(b) - Chemical export notification

- Clean Air Act Section 112(b) Hazardous Air Pollutants (HAPs)** : Listed
- 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
- DEA List II Chemicals (Essential Chemicals)** : Not listed

SARA 302/304

Composition/information on ingredients

| Name | % | EHS | SARA 302/304 |
|--------|--------------|------|---|
| PHENOL | > 0 - <= 0.1 | Yes. | SARA 302 TPQ: 500 lb(s) SARA 302 TPQ Solid upper limit: 10,000 lb(s) SARA 304 RQ: 1,000 lb(s) |

SARA 304 RQ : 333,333,333.3 lbs

SARA 311/312

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Classification : SKIN IRRITATION - Category 2
SERIOUS EYE DAMAGE - Category 1
CARCINOGENICITY - Category 1A
SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) -
Respiratory tract irritation - Category 3

Composition/information on ingredients

| Name | % | Classification |
|---|---------------|---|
| Calcium oxide | >= 15 - <= 30 | SKIN IRRITATION - Category 2 SERIOUS EYE DAMAGE - Category 1 SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) - Respiratory tract irritation - Category 3 |
| 1,2-Benzenedicarboxylic acid, di-C8-10-branched alkyl esters, C9-rich | >= 7 - <= 13 | EYE IRRITATION - Category 2B |
| 1,3-Benzenediol | >= 1 - <= 1.5 | ACUTE TOXICITY - oral - Category 3 SKIN IRRITATION - Category 2 EYE IRRITATION - Category 2A |
| Naphtha (petroleum), hydrotreated heavy | >= 1 - <= 1.2 | FLAMMABLE LIQUIDS - Category 3 ACUTE TOXICITY - inhalation - Category 3 ASPIRATION HAZARD - Category 1 |
| Quartz (SiO2) | > 0 - < 1 | CARCINOGENICITY - inhalation - Category 1A SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 1 |

SARA 313

Form R - Reporting requirements

| Product name | CAS number | % |
|---|------------|--------------|
| 1,2-Benzenedicarboxylic acid, di-C8-10-branched alkyl esters, C9-rich | 68515-48-0 | >= 7 - <= 13 |

Supplier notification

| Product name | CAS number | % |
|---|------------|--------------|
| 1,2-Benzenedicarboxylic acid, di-C8-10-branched alkyl esters, C9-rich | 68515-48-0 | >= 7 - <= 13 |

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.

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State regulations

- Massachusetts** : The following components are listed:
 Calcium oxide
 Limestone
 1,3-Benzenediol

- New York** : The following components are listed:
 Resorcinol

- New Jersey** : The following components are listed:
 CALCIUM OXIDE
 CALCIUM CARBONATE
 PVC
 RESORCINOL
 SILICA, QUARTZ
 MINERAL OIL (UNTREATED and MILDLY TREATED)

- Pennsylvania** : The following components are listed:
 CALCIUM OXIDE
 LIMESTONE
 1,3-BEN, ZENEDIOL

California Prop. 65

⚠ WARNING: This product can expose you to chemicals including 1,2-Benzenedicarboxylic acid, di-C8-10-branched alkyl esters, C9-rich, Quartz, which are known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

| Ingredient name | No significant risk level | Maximum acceptable dosage level |
|---|---------------------------|---------------------------------|
| 1,2-Benzenedicarboxylic acid, di-C8-10-branched alkyl esters, C9-rich | Yes. | - |
| Quartz | - | - |

International regulations

Chemical Weapon Convention List Schedules I, II & III Chemicals

Chemical Weapons Convention List Schedule I Chemicals

None of the components are listed.

Chemical Weapons Convention List Schedule II Chemicals

None of the components are listed.

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Chemical Weapons Convention List Schedule III Chemicals

None of the components are listed.

Montreal Protocol

None of the components are listed.

Stockholm Convention on Persistent Organic Pollutants

Annex A - Elimination - Production

None of the components are listed.

Annex A - Elimination - Use

None of the components are listed.

Annex B - Restriction - Production

None of the components are listed.

Annex B - Restriction - Use

None of the components are listed.

Annex C - Unintentional - Production

None of the components are listed.

Rotterdam Convention on Prior Informed Consent (PIC)

Rotterdam Convention on Prior Informed Consent (PIC) - Industrial

None of the components are listed.

Rotterdam Convention on Prior Informed Consent (PIC) - Pesticide

None of the components are listed.

Rotterdam Convention on Prior Informed Consent (PIC) -Severely hazardous pesticide

None of the components are listed.

UNECE Aarhus Protocol on POPs and Heavy Metals

Heavy metals - Annex 1

None of the components are listed.

POPs - Annex 1 - Production

None of the components are listed.

POPs - Annex 1 - Use

None of the components are listed.

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POPs - Annex 2

None of the components are listed.

POPs - Annex 3

None of the components are listed.

Inventory list

- Australia** : Not determined.
- Canada** : At least one component is not listed in DSL but all such components are listed in NDSL.
- China** : All components are listed or exempted.
- Eurasian Economic Union** : **Russian Federation inventory:** Not determined.
- Japan** : **Japan inventory (CSCL):** Not determined.
Japan inventory (ISHL): Not determined.
- New Zealand** : Not determined.
- Philippines** : All components are listed or exempted.
- Republic of Korea** : All components are listed or exempted.
- Taiwan** : All components are listed or exempted. Not determined.
- Thailand** : Not determined.
- Turkey** : Not determined.
- United States** : All components are active or exempted.
- Viet Nam** : Not determined.

Section 16. Other information

Hazardous Material Information System (U.S.A.)

| | | |
|-------------------------|---|---|
| Health | * | 3 |
| Flammability | | 0 |
| Physical hazards | | 0 |
| | | |

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings and the associated label are not required on SDSs or products leaving a facility under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered trademark and service mark of the American Coatings Association, Inc.

The customer is responsible for determining the PPE code for this material. For more information on HMIS® Personal Protective Equipment (PPE) codes, consult the HMIS® Implementation Manual.

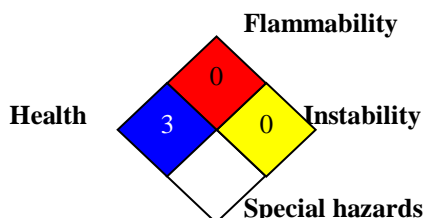
National Fire Protection Association (U.S.A.)

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Procedure used to derive the classification

| Classification | Justification |
|--|--------------------|
| SKIN IRRITATION - Category 2 | Calculation method |
| SERIOUS EYE DAMAGE - Category 1 | Calculation method |
| CARCINOGENICITY - Category 1A | Calculation method |
| SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Respiratory tract irritation) - Category 3 | Calculation method |

History

- Date of printing** : 06/19/2026
- Date of issue/Date of revision** : 06/16/2026
- Date of previous issue** : 02/27/2020
- Version** : 1.9
- Prepared by** : EHS_BATCH
- Key to abbreviations** :
 - ATE = Acute Toxicity Estimate
 - BCF = Bioconcentration Factor
 - DOT = Department of Transportation
 - GHS = Globally Harmonized System of Classification and Labelling of Chemicals
 - IATA = International Air Transport Association
 - IBC = Intermediate Bulk Container
 - IMDG = International Maritime Dangerous Goods
 - IMO = International Maritime Organization
 - LogPow = logarithm of the octanol/water partition coefficient
 - MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
 - N/A = Not available
 - SGG = Segregation Group
 - TDG = Transportation of Dangerous Goods
 - UN = United Nations
- References** : Not available.

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



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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. Particularly this information may not be valid for such material used in conjunction with any other materials or in any process, unless specified in the text.