1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier: Maxxon® Commercial Low Density Fill™

Recommended uses: Cementitious Low Density Fill

Restrictions on uses: None identified

Supplier: Maxxon Corporation, 920 Hamel Road • PO Box 253 • Hamel, MN 55340

Company Telephone/Fax: (763) 478-9600 / (763) 478-2431

Emergency Telephone Number: (800) 424-9300 (CHEMTREC)

2. HAZARDS IDENTIFICATION

OSHA Hazards: Harmful if swallowed, causes severe skin burns and eye damage, suspected of causing cancer by inhalation of respirable crystalline silica, may cause respiratory irritation, may cause damage to lungs through prolonged or repeated exposure by inhalation, and may cause an allergic skin reaction.

Target organs: Lungs

Classification of the substance or mixture:
- Acute toxicity, oral Category 4
- Carcinogenicity Category 2
- Eye damage/eye irritation Category 1
- Skin Irritation Category 1
- Skin sensitization Category 1
- Specific target organ toxicity, repeated exposure Category 2, Respiratory system
- Specific target organ toxicity, single exposure Category 3, Respiratory system

Label elements, including precautionary statements

Hazard pictogram: 

Signal word: Danger

Hazard statement:
- H302 Harmful if swallowed
- H314 Causes severe skin burns and eye damage
- H317 May cause an allergic skin reaction
- H318 Causes serious eye damage
- H335 May cause respiratory irritation
- H351 Suspected of causing cancer
- H373 May cause damage to organs through prolonged or repeated exposure if inhaled
2. HAZARDS IDENTIFICATION

Precautionary statement

Prevention:

P201  Obtain special instruction before use.
P202  Do not handle until all safety precautions have been read and understood.
P260  Do not breathe dust/fume/gas/mist/vapours/spray.
P264  Wash hands and skin thoroughly after handling.
P270  Do not eat, drink or smoke when using this product.
P271  Use only outdoors or in a well-ventilated area.
P272  Contaminated work clothing should not be allowed out of the workplace.
P280  Wear protective gloves/protective clothing/eye protection/face protection.

Response:

P301+P330+P331:   IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P310:   Immediately call a POISON CENTER/doctor.
P303+P313+P310:     IF ON SKIN: Take off immediately all contaminated clothing. Rinse skin with plenty of water or shower. Immediately call a POISON CENTER/doctor.
P363:   Wash contaminated clothing before reuse.
P333+P313:   If skin irritation or rash occurs: Get medical advice or attention.
P304+P340+P312:    IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.
P308+P313:   If exposed or concerned: Get medical advice/attention.
P314:   Repeated Exposure: Get medical advice/attention if you feel unwell.

Storage:

P403+P233:   Store in a well-ventilated place. Keep container tightly closed.
P405:   Store locked up.

Disposal:

P501:   Dispose of contents/container in accordance with local/regional/national regulations.

3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>INGREDIENT NAME</th>
<th>%</th>
<th>CAS NUMBER</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cement</td>
<td>90-95%</td>
<td>65997-15-1</td>
</tr>
<tr>
<td>Polystyrene Beads</td>
<td>1-5%</td>
<td>9003-53-6</td>
</tr>
</tbody>
</table>

Ingredients not listed on this safety data sheet are considered to be non-hazardous according to OSHA 1910.1200 or are not present above their cutoff levels. Where a range is displayed, the exact percentage of composition has been withheld as a trade secret.
4. FIRST AID MEASURES
N/A

5. FIRE FIGHTING MEASURES

Extinguishing media
Suitable extinguishing media: Material is Non-combustible. Use Water spray, alcohol-resistant foam, dry chemical, or carbon dioxide for surrounding fire.

Specific hazards arising from the chemical:
Product is a solid foamed bead and will burn on prolonged exposure to flame or high temperature. Product may outgas trace amounts of residual pentane as a blowing agent (<1% by volume) that can collect in confined areas and is flammable in the presence of open flames, lit cigarettes, sparks, static electricity discharges or heat. When heated to decomposition, product emits acrid smoke and irritating fumes. Also, can be a slip hazard.

Hazardous combustion products: Calcium Oxide, Sulfur Dioxide
Protective equipment and precautions for firefighting: Wear self-contained breathing apparatus and full protective gear for firefighting.

Further information: See Section 7 for safe handling and storage.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures: Avoid actions that cause the material to become airborne. Avoid inhalation of dust and contact with skin. Wear appropriate personal protective equipment during any cleanup and response activities.

Environmental precautions: Do not wash cement down sewage and drainage systems or into bodies of water.

Methods and material for containment and cleaning up: Place spilled material into a container. Scrape wet material and place in container. Allow material to dry or solidify before disposal. Dispose of cement according to Federal, State, Provincial and Local regulations.

7. HANDLING AND STORAGE

Precautions for safe handling: Avoid contact with skin and eyes. Avoid inhalation of vapour or mist.

Conditions for safe storage, including any incompatibilities:
General information: Keep bagged material dry until used. Stack bagged material in a secure manner to prevent falling. Bagged material is heavy and poses risks such as sprains and strains to the back, arms, shoulders and legs during lifting and mixing. Handle with care and use appropriate control measures.

Incompatibilities: Water will cause product to solidify.
8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure guidelines

Component Exposure Limits: Cement CAS#: 65997-15-1 OSHA 15 mg/m3 T (Total) / 5 mg/m3 R (Respirable)
Silica, Quartz CAS#: 14808-60-7 OSHA TWA 10 mg/m3, ACGIH TWA 0.025 mg/m3
Polystyrene CAS#: 9003-53-6 OSHA TWA 10 mg/m3, ACGIH TWA 3 mg/m3, OSHA TWA (total dust) 15mg/m3, OSHA TWA (respirable fraction) (related to particulates not otherwise).

Individual protection measures, such as personal protective equipment

Eye/face protection: Use proper protection – Safety glasses as a minimum.
Skin and body protection: Wash at mealtimes and end of shift. Skin contact must be avoided by using impervious protective clothing (gloves, aprons, boots, etc.). Use chemical protective gloves as a minimum and wash skin promptly upon any skin contact.
Respiratory protection: Use respiratory protection unless adequate local exhaust ventilation is provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines. Where concentrations are above recommended limits or are unknown, appropriate respiratory protection should be worn. Follow OSHA respirator regulations (29 CFR 1910.134) and use NIOSH/MSHA approved respirators.

General hygiene considerations: Handle in accordance with good industrial hygiene and safety practice. Wash hands before & after breaks and workday.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Power</td>
</tr>
<tr>
<td>Color</td>
<td>Gray</td>
</tr>
<tr>
<td>Order</td>
<td>Mild</td>
</tr>
<tr>
<td>Odor threshold</td>
<td>No data</td>
</tr>
<tr>
<td>pH (in water)</td>
<td>12-13</td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>Not available</td>
</tr>
<tr>
<td>Vapor density</td>
<td>Not available</td>
</tr>
<tr>
<td>Relative density</td>
<td>Not available</td>
</tr>
<tr>
<td>Melting/freezing point</td>
<td>Not relevant</td>
</tr>
<tr>
<td>Solubility</td>
<td>Not available</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>Not available</td>
</tr>
<tr>
<td>Flash point</td>
<td>Not relevant</td>
</tr>
<tr>
<td>Flammability Limits</td>
<td>Not available</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>Not relevant</td>
</tr>
</tbody>
</table>
11. TOXICOLOGICAL INFORMATION

Likely routes of exposure: Inhalation, Skin Contact, Eye Contact, Ingestion

Symptoms of exposure

Inhalation: May cause respiratory irritation.
Skin: Causes severe skin burns. May cause allergic skin reaction.
Eyes: Causes serious eye damage.
Ingestion: Irritation of the digestive system may occur if large amounts are swallowed.

Numerical measures of toxicity: Acute Toxicity Value: Silica-LD50 oral rat 22,500 mg/kg.

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

Irritant Dermatitis: is caused by physical properties of cement including alkalinity and abrasion.
Dermatitis: is caused by sensitization to hexavalent chromium (Chromate) present in cement. The reaction can range from a mild rash to severe skin ulcers. Persons already sensitized may react to the first contact with cement. Others may develop allergic dermatitis after years of repeated contact with cement.

Carcinogenicity

IARC: 1-Group 1: Carcinogenic to humans (Quartz).
ACGIH: No component of this product is present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.
NTP: Carcinogenic to humans (Quartz).
11. TOXICOLOGICAL INFORMATION

OSHA: No component of this product is present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Specific target organ toxicity: Single exposure – No data available.
Specific target organ toxicity: Repeated exposure – Category 2, Respiratory System.
Silicosis: Silicosis is caused by the inhalation and retention of respirable crystalline silica dust.

Simple Chronic Silicosis: results from long-term exposure (more than 20 years) to low amounts of respirable crystalline silica. Nodules of chronic inflammation and scarring provoked by the respirable crystalline silica form in the lungs and chest lymph nodes. This disease may feature breathlessness and may resemble chronic obstructive pulmonary disease (COPD).

Accelerated silicosis: occurs after exposure to larger amounts of respirable crystalline silica over a shorter period of time (5-15 years). Inflammation, scarring, and symptoms progress faster in accelerated silicosis than in simple silicosis.

Acute silicosis: results from short-term exposure to very large amounts of respirable crystalline silica. The lungs become very inflamed and may fill with fluid, causing severe shortness of breath and low blood oxygen levels.

Pre-Existing Conditions: Cement dust is irritating to the nose, throat and respiratory tract causing coughing and sneezing. Pre-existing upper respiratory and lung diseases including asthma and bronchitis may be aggravated.

12. ECOLOGICAL INFORMATION

Eco toxicity: Not expected to be hazardous to the environment.
Persistence and Degradability: No Data Available
Bioaccumulation: No Data Available
Mobility: No Data Available
Other Adverse Effects: No Data Available

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods
Disposal of Wastes: This product is not expected to be a hazardous waste under RCRA. Place spilled material into a container. Scrape wet material and place in container. Allow material to dry or solidify before disposal. Dispose of according to Federal, State, Provincial and Local regulations.

Contaminated Packaging: Dispose of as unused material.
14. TRANSPORTATION INFORMATION

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<tbody>
<tr>
<td>D.O.T.</td>
<td>Not a Dangerous Good</td>
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<tr>
<td>I.A.T.A.</td>
<td>Not a Dangerous Good</td>
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<tr>
<td>I.M.D.G.</td>
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</tr>
<tr>
<td>Marine Pollutant:</td>
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</tr>
</tbody>
</table>

15. REGULATORY INFORMATION

**International Inventories**

- **TSCA:** Polystyrene, CAS# 9003-53-6

**US Federal Regulations**

- **SARA 302:** None Known
- **SARA 311/312 Hazard Categories:** Acute Health Hazard, Chronic Health Hazard
- **SARA 313 Hazard Categories:** None Known
- **CWA (Clean Water Act):** None Known

**Supplemental State Compliance Information**

- **California Warning:** This product contains the following chemical(s) listed by the State of California under the Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65) as being known to cause cancer, birth defects or other reproductive harm.
  - Quartz CAS#: 14808-60-7
  - Hexavalent Chromium Compounds

**State Regulations:**

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**NEW JERSEY RIGHT TO KNOW**

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**PENNSYLVANIA RIGHT TO KNOW**

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**MASSACHUSETTS RIGHT TO KNOW**

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**U.S. EPA Label Information:** No Data
16. OTHER INFORMATION

HMIS Classification:
- Health hazard: 2
- Flammability: 0
- Physical Hazards: 0

NFPA Rating:
- Health hazard: 2
- Fire: 0
- Reactivity Hazard: 0

Product List: Maxxon Commercial Low Density Fill

Issue Date: October 2020

Version: 02

Revision Date: December 2021

Prepared by: Maxxon Corporation

Disclaimer: This SDS is intended to quickly provide useful information to the user(s) of this material or product. It is not intended to serve as a comprehensive discussion of all possible risks or hazards, and it assumes a reasonable use of the product. The information contained in this SDS is believed to be accurate as the date of preparation of this SDS and has been compiled from sources believed to be reliable. It is offered for your consideration, investigation and verification. The user or handler (or their employer) should consider the specific conditions in which this material will be used, handled or stored and determine what specific safety or other precautions are required. Employers should ensure that their employees, agents, contractors and customers who will use the product receive adequate warnings and safe handling procedures, including a current SDS. Product users or handlers (or their employer) who are unsure of what specific precautions are required should consult their employer, product supplier, or safety or health professionals before handling or working with this product. Please notify us immediately if you believe this SDS or other safety and health information about this product is inaccurate or incomplete.