



Safety Data Sheet

Issue Date: 01-Jun-2012

Revision Date: 13-Jan-2016

Version 1

1. IDENTIFICATION

Product Identifier

Product Name #8 Mastic®

Other means of identification

SDS # RCD 8

Recommended use of the chemical and restrictions on use

Recommended Use Seal fabricated air ducts.

Details of the supplier of the safety data sheet

Supplier Address

RCD Corporation
2850 Dillard Road
Eustis, FL 32726
www.rcdmastics.com

Emergency Telephone Number

Company Phone Number 352-589-0099
Emergency Telephone (24 hr) INFOTRAC 1-352-323-3500 (International)
1-800-535-5053 (North America)

2. HAZARDS IDENTIFICATION

Appearance Gray **Physical state** Viscous liquid **Odor** Pleasant

Classification

This chemical does not meet the hazardous criteria set forth by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200). However, this Safety Data Sheet (SDS) contains valuable information critical to the safe handling and proper use of this product. This SDS should be retained and available for employees and other users of this product.

3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name | CAS No. | Weight-% |
|------------------------------|-----------|----------|
| Ground Limestone * | 1317-65-3 | 25-30 |
| Hydrated Aluminum Silicate * | 8031-18-3 | 0-2 |

If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.

*As respirable dust, nuisance dust only. Normal application procedures pose no hazard since these ingredients are encapsulated, but grinding or sanding dried films may yield respirable dusts.

4. FIRST AID MEASURES

First Aid Measures

| | |
|---------------------|--|
| Eye Contact | Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Inorganic particulate materials may cause mechanical irritation. Seek immediate medical attention/advice. |
| Skin Contact | Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. DO NOT USE SOLVENTS OR THINNERS to remove from skin. Get medical attention if irritation occurs. |
| Inhalation | Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a poison center or doctor/physician. If breathing is difficult, oxygen should be administered by qualified personnel. |
| Ingestion | Do NOT induce vomiting. Drink plenty of water or milk immediately. Call a poison center or doctor/physician if you feel unwell. |

Most important symptoms and effects

| | |
|-----------------|--------------------------------|
| Symptoms | May cause mild eye irritation. |
|-----------------|--------------------------------|

Indication of any immediate medical attention and special treatment needed

| | |
|---------------------------|------------------------|
| Notes to Physician | Treat symptomatically. |
|---------------------------|------------------------|

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Dry chemical or CO2. Water fog. Universal foam.

Unsuitable Extinguishing Media Not applicable.

Specific Hazards Arising from the Chemical

Thermal decomposition can lead to release of irritating and toxic gases and vapors.

Hazardous Combustion Products Carbon monoxide. Carbon dioxide (CO2).

Protective equipment and precautions for firefighters

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

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

| | |
|-----------------------------|---|
| Personal Precautions | Use personal protection recommended in Section 8. |
|-----------------------------|---|

Environmental precautions

Methods and material for containment and cleaning up

| | |
|--------------------------------|--|
| Methods for Containment | Prevent further leakage or spillage if safe to do so. Cover / dike with DRY earth, DRY sand or other non-combustible material. |
| Methods for Clean-Up | Sweep up and shovel into suitable containers for disposal. Clean up in accordance with all applicable regulations. |

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on Safe Handling Handle in accordance with good industrial hygiene and safety practice.

Conditions for safe storage, including any incompatibilities

Storage Conditions Store away from incompatible materials. Store away from heat, sparks, flame. Keep containers tightly closed in a dry, cool and well-ventilated place.

Incompatible Materials Strong oxidizing agents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

| Chemical Name | ACGIH TLV | OSHA PEL | NIOSH IDLH |
|-------------------------------|-----------|--|--|
| Ground Limestone 1317-65-3 | - | TWA: 15 mg/m ³ total dust TWA: 5 mg/m ³ respirable fraction (vacated) TWA: 15 mg/m ³ total dust (vacated) TWA: 5 mg/m ³ respirable fraction | TWA: 10 mg/m ³ total dust TWA: 5 mg/m ³ respirable dust |

Appropriate engineering controls

Engineering Controls Apply technical measures to comply with the occupational exposure limits.

Individual protection measures, such as personal protective equipment

Eye/Face Protection Wear approved safety goggles. Face Mask.

Skin and Body Protection Use chemical resistant gloves, if needed, to avoid prolonged or repeated skin contact. Wear appropriate clothing to prevent repeated or prolonged skin contact.

Respiratory Protection Ensure adequate ventilation, especially in confined areas. Use NIOSH/MSHA approved dust and mist respirator when spraying product.

General Hygiene Considerations Routinely wash work clothing and protective equipment to remove contaminants. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Minimize breathing vapor or mist. Avoid prolonged or repeated contact with skin.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

| | | | |
|-----------------------|----------------|-----------------------|----------------|
| Physical state | Viscous liquid | Odor | Pleasant |
| Appearance | Gray | Odor Threshold | Not determined |
| Color | Gray | | |

| <u>Property</u> | <u>Values</u> | <u>Remarks • Method</u> |
|-------------------------------------|--------------------|-------------------------|
| pH | 7.0-8.0 | |
| Melting Point/Freezing Point | 0 °C / 32 °F | |
| Boiling Point/Boiling Range | 100 °C / 212 °F | |
| Flash Point | > 162.7 °C / > 325 | Tag Open Cup |
| Evaporation Rate | Same as water | |
| Flammability (Solid, Gas) | Non-flammable | |
| Flammability Limits in Air | | Not applicable |

| | |
|-------------------------------------|--------------------|
| Upper Flammability Limits | Not applicable |
| Lower Flammability Limit | Not applicable |
| Vapor Pressure | Equal to water |
| Vapor Density | equal to water |
| Relative Density | >1.30 |
| Water Solubility | Miscible in water |
| Solubility in other solvents | Soluble |
| Partition Coefficient | Not determined |
| Auto-ignition Temperature | Not applicable |
| Decomposition Temperature | >1000°F / >537.7°C |
| Kinematic Viscosity | 5,833 cSt |
| Dynamic Viscosity | 70,000 cps |
| Explosive Properties | None - Stable |
| Oxidizing Properties | None - Stable |

Other Information

VOC Content (%) <50 g/L

10. STABILITY AND REACTIVITY

Reactivity

Not reactive under normal conditions.

Chemical Stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Hazardous Polymerization Hazardous polymerization does not occur.

Conditions to Avoid

Heat, flames and sparks.

Incompatible Materials

Strong oxidizing agents.

Hazardous Decomposition Products

Carbon monoxide. Carbon dioxide (CO₂).

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure**Product Information**

Eye Contact Mechanical eye irritant, avoid contact with eyes.

Skin Contact Not a primary skin irritant.

Inhalation Not an expected route of exposure.

Ingestion The systemic toxicity of this substance has not been determined. However, it should be practically non-toxic to internal organs if swallowed.

Information on physical, chemical and toxicological effects

Symptoms Please see section 4 of this SDS for symptoms.

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

Carcinogenicity Based on the information provided, this product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

12. ECOLOGICAL INFORMATION**Ecotoxicity**

The ecological toxicity of this product is not known.

Persistence/Degradability

Not determined.

Bioaccumulation

Not determined.

Mobility

Not determined

Other Adverse Effects

Not determined

13. DISPOSAL CONSIDERATIONS**Waste Treatment Methods**

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

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

14. TRANSPORT INFORMATION

Note Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

DOT Not regulated

IATA Not regulated

IMDG Not regulated

15. REGULATORY INFORMATION

International Inventories

| Chemical Name | TSCA | DSL/NDSL | EINECS/E LINCS | ENCS | IECSC | KECL | PICCS | AICS |
|----------------------------|------|----------|-------------------|---------|-------|---------|-------|------|
| Ground Limestone | X | X | X | Present | X | Present | X | X |
| Hydrated Aluminum Silicate | X | X | | | X | Present | X | X |

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

US Federal Regulations

SARA 313

Not determined

US State Regulations

U.S. State Right-to-Know Regulations

Not determined

| Chemical Name | New Jersey | Massachusetts | Pennsylvania |
|-------------------------------|------------|---------------|--------------|
| Ground Limestone 1317-65-3 | X | X | X |

16. OTHER INFORMATION

NFPA

Health Hazards

1

Flammability

0

Instability

0

Special Hazards

-

HMIS

Health Hazards

1

Flammability

0

Physical hazards

0

Personal Protection

B

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Revision Note:

New format

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet