



# SAFETY DATA SHEET

**Issue Date** 01-Jun-2011

**Revision Date** 31-Oct-2012

**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** Low To High Velocity Air Duct Sealant.

**Details of the supplier of the safety data sheet**

**Supplier Address**

RCD Corporation  
2850 Dillard Road  
Eustis, FL 32726  
<http://rcdmastics.com>

**Emergency telephone number**

**Emergency Telephone** INFOTRAC 1-352-323-3500 (International)  
1-800-535-5053 (North America)

**Company Phone Number** 352-589-0099

## 2. HAZARDS IDENTIFICATION

**Classification**

This chemical does not meet the hazardous criteria set forth by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.122). 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.

**Appearance** Gray

**Physical state** Viscous liquid

**Odor** Pleasant

**Hazards not otherwise classified (HNOC)**

Not Applicable

**Other Information**

Not Applicable

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

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

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

<b>Inhalation</b>	Not an expected route of exposure. Remove to fresh air.
<b>Eye contact</b>	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.
<b>Ingestion</b>	Do NOT induce vomiting. Drink plenty of water or milk immediately. Call a POISON CENTER or doctor/physician if you feel unwell.
<b>Skin Contact</b>	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 develops or persists.

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

<b>Symptoms</b>	May cause mild eye irritation.
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#### Indication of any immediate medical attention and special treatment needed

<b>Note to physicians</b>	Treat symptomatically.
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### 5. FIRE-FIGHTING MEASURES

#### Suitable Extinguishing Media

Dry chemical or CO<sub>2</sub>. Water fog. Universal foam.

**Unsuitable Extinguishing Media** Not determined.

#### 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 (CO<sub>2</sub>).

#### 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.

#### **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 cleaning 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 <sup>3</sup> total dust TWA: 5 mg/m <sup>3</sup> respirable fraction (vacated) TWA: 15 mg/m <sup>3</sup> total dust (vacated) TWA: 5 mg/m <sup>3</sup> respirable fraction	TWA: 10 mg/m <sup>3</sup> total dust TWA: 5 mg/m <sup>3</sup> 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 shield.

**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**

<b>Physical state</b>	Viscous liquid		
<b>Appearance</b>	Gray	<b>Odor</b>	Pleasant
<b>Color</b>	Gray	<b>Odor threshold</b>	Not determined
<b>Property</b>	<b>Values</b>	<b>Remarks • Method</b>	
pH	Not determined		
Melting point/freezing point	Not determined		
Boiling point/boiling range	> 100 °C >212 °F		
Flash point	Not applicable		
Evaporation rate	Not determined		
Flammability (solid, gas)	Not determined		
Flammability Limits in Air			
Upper flammability limits	Not applicable		
Lower flammability limit	Not applicable		
Vapor pressure	Equal to water		
Vapor density	equal to water		
Specific Gravity	>1.30		
Water solubility	Miscible in water		
Solubility in other solvents	Not determined		
Partition coefficient	Not determined		
Autoignition temperature	Not determined		
Decomposition temperature	Not determined		
Kinematic viscosity	Not determined		
Dynamic viscosity	> 40,000 cps @ 75f		
Explosive properties	Not determined		
Oxidizing properties	Not determined		

**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 (CO<sub>2</sub>).

## 11. TOXICOLOGICAL INFORMATION

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

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<b>Inhalation</b>	Not an expected route of exposure.
<b>Eye contact</b>	May cause irritation.
<b>Skin Contact</b>	Not a primary skin irritant.
<b>Ingestion</b>	The systemic toxicity of this substance has not been determined. However, it should be practically non-toxic to internal organs if swallowed.

**Component Information****Information on physical, chemical and toxicological effects**

**Symptoms** May cause mild eye irritation.

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

**Carcinogenicity** Carcinogenic potential is unknown.

**Numerical measures of toxicity- Product**

Not determined

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity**

The ecological toxicity of this product is not known

**Persistence and 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

**DOT**

Not regulated

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IATA Not regulated

IMDG Not regulated

## 15. REGULATORY INFORMATION

### International Inventories

#### 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

### US Federal Regulations

### SARA 311/312 Hazard Categories

### US State Regulations

#### U.S. State Right-to-Know Regulations

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

#### U.S. EPA Label Information

## 16. OTHER INFORMATION

<u>NFPA</u>	Health hazards	Flammability	Instability	Special Hazards Not determined
	0	0	0	<b>Personal protection</b> Not determined
<u>HMIS</u>	Health hazards	Flammability	Physical hazards	
	1	0	0	

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Revision Note

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 provided is only a guide 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**