



# SAFETY DATA SHEET

Issue Date 01-Jun-2011

Revision Date 31-Oct-2012

Version 1

## 1. IDENTIFICATION

### Product Identifier

**Product Name** #6 Mastic

### Other means of identification

**SDS #** RCD 6

### 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** Off-white

**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	5-10	*
Hydrated Aluminum Silicate	8031-18-3	0-2	*
Titanium dioxide	13463-67-7	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

**Symptoms** May cause mild eye irritation.

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

**Note to physicians** Treat symptomatically.

### 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

No information available.

**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
Titanium dioxide 13463-67-7	TWA: 10 mg/m <sup>3</sup>	TWA: 15 mg/m <sup>3</sup> total dust (vacated) TWA: 10 mg/m <sup>3</sup> total dust	IDLH: 5000 mg/m <sup>3</sup>

### 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** Wear appropriate clothing to prevent repeated or prolonged skin contact. Use chemical resistant gloves, if needed, to avoid prolonged or repeated 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>Odor</b>	Pleasant
<b>Appearance</b>	Off-white	<b>Odor threshold</b>	Not determined
<b>Color</b>	Off-white		

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

<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**

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Titanium dioxide 13463-67-7	> 10000 mg/kg ( Rat )	-	-

**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** Titanium dioxide is a possible carcinogen, when it appears as a respirable dust.

Chemical Name	ACGIH	IARC	NTP	OSHA
Titanium dioxide 13463-67-7		Group 2B		X

**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  
**IATA** Not regulated  
**IMDG** Not regulated

**15. REGULATORY INFORMATION**

**International Inventories**

**Legend:**

*TSCA - United States Toxic Substances Control Act Section 8(b) Inventory*  
*DSL/NDL - 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**

Chemical Name	California Proposition 65
Titanium dioxide - 13463-67-7	Carcinogen

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

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Ground Limestone 1317-65-3	X	X	X
Titanium dioxide 13463-67-7	X	X	X

**U.S. EPA Label Information**

**16. OTHER INFORMATION**

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

**Issue Date** 01-Jun-2011  
**Revision Date** 31-Oct-2012  
**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