



SAFETY DATA SHEET

Issue Date 01-Jun-2011

Revision Date 31-Oct-2012

Version 1

1. IDENTIFICATION

Product Identifier

Product Name #15 Weather Barrier Coating

Other means of identification

SDS # RCD 15

Recommended use of the chemical and restrictions on use

Recommended Use Coating surfaces of air ducts and insulation

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: Bright White

Physical state: Viscous liquid

Odor: Low

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	30	*
Hydrated Aluminum Silicate	8031-18-3	1-3	*
Titanium dioxide	13463-67-7	5-10	*

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 dust.

4. FIRST AID MEASURES

First aid measures

Inhalation	Not an expected route of exposure. Remove to fresh air.
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.
Ingestion	Do NOT induce vomiting. Drink plenty of water or milk immediately. Call a POISON CENTER or doctor/physician if you feel unwell.
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 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 CO2. 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 (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.

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

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

Physical state	Viscous liquid	Odor	Pleasant
Appearance	White	Odor threshold	Not determined
Color	White		

Property	Values	Remarks • Method
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	>1.40	
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	> 9,000 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 (CO₂).

11. TOXICOLOGICAL INFORMATION**Information on likely routes of exposure**

Product Information

Inhalation	Not an expected route of exposure.
Eye contact	May cause irritation.
Skin Contact	Not a primary skin irritant.
Ingestion	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

NFPA	Health hazards	Flammability	Instability	Special Hazards Not determined
	0	0	0	Personal protection Not determined
HMIS	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