

# MATERIAL SAFETY DATA SHEET

**Manufacturer's Name**  
**RCD Corporation**  
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**Eustis, FL 32726**

**Emergency Telephone Number**  
**800-535-5053**  
**Information Telephone Number**  
**352-589-0099**

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## A. IDENTIFICATION

Product Name: **RCD PS•1 Mastic / WBA Air Duct Sealant**

CAS Number: N/A, a complex mixture

Chemical Name: N/A a complex mixture

Product Appearance and Odor: A grey viscous liquid with a pleasant odor.

## B. COMPONENTS AND HAZARD INFORMATION

| <u>COMPONENTS</u>           | <u>CAS NO.</u> | <u>ACGIH TLV</u> | <u>OSHA PEL</u> |
|-----------------------------|----------------|------------------|-----------------|
| Titanium Dioxide*           | 13463-67-7     | 10mg/m3          | N/E             |
| Hydrated Aluminum Silicate* | 8031-18-3      | 10mg/m3          | 5mg/3m          |

\*As respirable dust, nuisance dust only.

This product is not known to contain any compound in concentrations requiring reporting under SARA Title III Section 313. Any substance listed as hazardous by the States of California, Connecticut, Florida, Illinois, Louisiana, Massachusetts, New Jersey, Pennsylvania, or Rhode Island is listed above if known present in regulated concentrations.

\* Hazardous Materials Identification System: **(HMIS RATING)** Health-1 Flammability-0 Reactivity-0  
Hazard Ranking: 0-Least 1-Slight 2-Moderate 3-High 4-Extreme

## C. PRIMARY ROUTES OF ENTRY AND EMERGENCY FIRST AID PROCEDURES

Eye Contact: Flush with large amounts of water while holding eyelids open for at least 15 minutes. Remove contact lenses, if worn. Inorganic particulate materials may cause mechanical irritation. SEEK MEDICAL ATTENTION.

Skin: Remove contaminated clothing; thoroughly wash exposed area with soap and water. DO NOT USE SOLVENTS OR THINNERS to remove from skin. Can be removed with waterless hand cleaners or plain soap and water. If irritation persists, SEEK MEDICAL ATTENTION.

Inhalation: This material is not expected to be an immediate inhalation problem, no first aid procedures required.

Ingestion: If swallowed, give water or milk to drink and telephone for medical advice immediately. Consult medical personnel before inducing vomiting. If medical advice cannot be obtained, then take the person and product container to the nearest medical emergency treatment center or hospital.

## D. FIRE AND EXPLOSION HAZARD INFORMATION

Flash Point: N/A (a water based product) Auto ignition Temperature: Not Determined (a water based product)

National Fire Protection Association (NFPA) Hazard Identification: Health-0 Flammability-0 Reactivity-0

Handling Precautions: Keep containers tightly closed. Keep containers cool and dry. Use this product with adequate ventilation.

Flammable or Explosive Limits: (Approx. % by volume in air) Lower (LEL): N/A Upper (UEL): N/A

Extinguishing Media and Fire Fighting Procedures: Extinguish with dry chemical, CO<sub>2</sub>, universal type foam, and water fog. DO NOT enter any enclosed or confined fire space without proper protective equipment, including self contained breathing apparatus.

Decomposition Products under Fire Conditions: May form toxic materials; carbon dioxide, carbon monoxide, and water vapor.

"Empty" Container Warning: Dispose of in an environmentally safe manner and in accordance with governmental regulations.

## E. HEALTH AND HAZARD INFORMATION

Variability Among Individuals: Health Studies have shown that individual sensitivities vary from person to person. As a precaution, exposure to vapors, liquids, mists, or fumes should be minimized.

Effects of Acute Exposure:

EYE Contact: Mild irritation may occur. Mechanical irritation will occur. Irritation will depend on the length of exposure and first aid.

Skin Irritation: Not a primary skin irritant.

Respiratory/Inhalation: If inhaled, the components of this product are considered practically non-toxic to internal organs. No adverse effects expected.

Ingestion: The systemic toxicity of this substance has not been determined. However, it should be practically non-toxic to internal organs if swallowed. No adverse effects expected.

## **F. PHYSICAL DATA**

The following are approximate or typical values and should not be used for precise design purposes.

Boiling Range: >212°F Vapor Pressure: of water  
Specific Gravity: Greater than 1.30 Vapor Density: of water  
Viscosity: A heavy consistency greater than 20,000 cps @ 77 F Solubility in Water: Miscible

## **G. REACTIVITY**

Stability: \_\_\_ Unstable   x   Stable

Hazardous Polymerization: \_\_\_ May Occur   x   Will Not Occur

Hazardous Decomposition Products: Hazardous decomposition products include: Carbon dioxide and monoxide.

Incompatibility (Material to Avoid): Avoid contact with strong oxidizing agents.

Conditions to Avoid: Keep from heat, sparks, open flame.

## **H. ENVIRONMENTAL INFORMATION**

Steps to be taken if spilled or released:

- Recover free product, add sand, earth or other suitable absorbents.
- Minimize skin contact and breathing vapors. Ventilate confined spaces; open all window and doors.
- Keep product out of sewers and water courses by diking or impounding.
- Advise authorities if product has entered or may enter sewers, water courses or extensive land areas.
- Assure conformity with applicable governmental regulations.**

Reportable Quantity (RQ), EPA Regulation 40 CFR 302: (CERCLA Section 102): None

Threshold Planning Quantity (TPQ), EPA Regulation 40 CFR 355: (SARA Section 301-304): None

Toxic Chemical Release Reporting, EPA Regulation 40 CFR 372: (SARA Section 313): None

EPA Hazard Classification Code: (SARA Sections 311 and 312): N/A

## **I. PROTECTION AND PRECAUTIONS**

Ventilation: Ventilation should be adequate.

Respiratory Protection: Use NIOSH/MSHA approved dust and mist respirator when spraying product.

Protective Gloves: Use chemical resistant gloves, if needed, to avoid prolonged or repeated skin contact.

Eye Protection: Use safety goggles or face shield when eye contact may occur.

Other Protective Equipment: Use Chemical resistant apron or other impervious clothing, if needed, to avoid contaminating regular clothing which could result in prolonged or repeated skin contact.

Work Practices/Engineering Controls: Keep containers closed when not in use. DO NOT STORE NEAR HEAT, SPARKS, FLAME or Strong Oxidants.

Personal Hygiene: Minimize breathing vapor or mist. Avoid prolonged or repeated contact with skin. Remove contaminated clothing; launder or dry clean before reuse. Remove contaminated shoes and thoroughly clean and dry before reuse. Cleanse skin thoroughly after contact, before breaks and meals, and then at end of work period.

## **J. TRANSPORTATION AND OSHA LABEL INFORMATION**

Transportation Incident Information: For further information relative to spills resulting from transportation incidents, refer to latest Department of Transportation Guidebook for Hazardous Material Incidents, DOT P 5800.3.

DOT Identification Number: Not designated as a hazardous material by Federal DOT.

OSHA Required Label Information: None Known.

## **K. OTHER**

The information and recommendations contained herein are to the best of the RCD Corporation's knowledge and belief, accurate and reliable as of the date issued. RCD Corporation does not warrant or guarantee their accuracy or reliability, and RCD Corporation shall not be liable for any loss or damage arising out of the use thereof.

The information and recommendations are offered for the users consideration and examination, and it is the user's responsibility to satisfy itself that they are suitable and complete for its particular use. It is also the users responsibility to make certain that it is relying upon the most recent, updated information and recommendations available from RCD Corporation

The Environmental information included under Section H hereof as well as the Hazardous Material Identification System (HMIS) and National Fire Protection Association (NFPA) ratings have been included by RCD Corporation in order to provide additional health and hazard classification information. The ratings recommended are based upon the criteria supplied by the developers of these rating systems, together with RCD Corporation's interpretation of the available data.