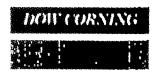
Distributed by

Rainbow Technology Corp.

Tel: 1.800.637.6047 / 205.733.0333 RTC Product #7176



DISTRIBUTED BY: RAINBOW TECHNOLOGY

800.637.6047 OR 205.733.0333

RTC PRODUCT NO. 7176

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DOW CORNING(R) 748 NON-CORROSIVE SEALANT

1. IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY

Dow Coming Corporation South Saginaw Road Midland, Michigan 48686 24 Hour Emergency Telephone: (989) 496-5900

Customer Service: (989) 496-6000 Product Disposal Information: (989) 496-6315

CHEMTREC: (800) 424-9300

MSDS No.: 02681234

Revision Date: 2002/01/14

Generic Description: Sealant. Physical Form: Paste

Color: White

Odor: Alcoholic odor

NFPA Profile: Health 1 Flammability 1 Instability/Reactivity 0

Note: NFPA = National Fire Protection Association

2. OSHA HAZARDOUS COMPONENTS

CAS Number Wt % Component Name

PMN871176 40.0 - 70.0 Dimethyl siloxane, trimethoxysilyl-terminated

1185-55-3 3.0 - 7.0 Methyltrimethoxysilane

57-11-4 1.0 - 5.0 Stearic acid

The above components are hazardous as defined in 29 CFR 1910.1200.

3. EFFECTS OF OVEREXPOSURE

Acute Effects

Eye:

Direct contact may cause mild imitation.

Skin:

No significant imitation expected from a single short-term exposure.

Inhalation:

Imitates respiratory passages very slightly. Vapor overexposure may cause

drowsiness.

Oral:

Low ingestion hazard in normal use.

Prolonged/Repeated Exposure Effects

Skin:

Repealed or prolonged contact may cause defatting and drying of skin which may result

in skin imitation and dermatitis.

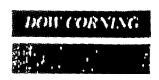
Inhalation:

No known applicable information.

Oral:

Repeated ingestion or swallowing large amounts may injure internally.

Signs and Symptoms of Overexposure



DOW CORNING CORPORATION Material Safety Data Sheet

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DOW CORNING(R) 748 NON-CORROSIVE SEALANT

No known applicable information.

Medical Conditions Aggravated by Exposure

No known applicable information.

The above listed potential effects of overexposure are based on actual data, results of studies performed upon similar compositions, component data and/or expert review of the product. Please refer to Section 11 for the detailed toxicology information.

4. FIRST AID MEASURES

Eye: immediately flush with water for 15 minutes.

Skin: Remove from skin and wash thoroughly with soap and water or waterless cleanser.

Get medical attention if irritation or other ill effects develop or persist.

Inhalation: Remove to fresh air. Get medical attention if ill effects persist.

Oral: Get medical attention.

Comments: Treat according to person's condition and specifics of exposure,

5. FIRE FIGHTING MEASURES

Flash Point: Not applicable.

Autoignition Not determined. Temperature:

Flammability Limits in Air: Not determined.

Extinguishing Media: On large fires use dry chemical, foam or water spray. On small fires use carbon dioxide

(CO2), dry chemical or water spray. Water can be used to cool fire exposed containers.

Fire Fighting Measures: Self-contained breathing apparatus and protective clothing should be worn in fighting

large fires involving chemicals. Determine the need to evacuate or isolate the area according to your local emergency plan. Use water spray to keep fire exposed

containers cool.

Unusual Fire Hazards: None.

Hazardous Decomposition Products

Thermal breakdown of this product during fire or very high heat conditions may evolve the following hazardous decomposition products: Metal oxides. Carbon oxides and traces of incompletely burned carbon compounds. Silicon dioxide. Formaldehyde. Quartz.

6. ACCIDENTAL RELEASE MEASURES



DOW CORNING CORPORATION Material Safety Data Sheet

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DOW CORNING(R) 748 NON-CORROSIVE SEALANT

Suitable Gloves: Silver Shield(R). 4H(R).

Inhalation: Use respiratory protection unless adequate local exhaust ventilation is provided or air

sampling data show exposures are within recommended exposure guidelines.

industrial Hygiene Personnel can assist in judging the adequacy of existing engineering

controls.

Suitable Respirator: General and local exhaust ventilation is recommended to maintain vapor exposures

below recommended limits. Where concentrations are above recommended limits as determined by air sampling or are unknown, appropriate respiratory protection should

be worn. Follow OSHA Respirator Regulations (29 CFR 1910.134) and use

NIOSH/MSHA approved respirators.

Personal Protective Equipment for Spills

Eyes: Use full face respirator.

Skin: Wash at mealtime and end of shift. Contaminated clothing and shoes should be

removed as soon as practical and thoroughly cleaned before reuse. Chemical

protective gloves are recommended.

Inhalation/Suitable

Respirator:

Respiratory protection recommended. Follow OSHA Respirator Regulations (29 CFR 1910.134) and use NIOSH/MHSA approved respirators. Protection provided by air purifying respirators against exposure to any hazardous chemical is limited. Use a positive pressure air supplied respirator if there is any potential for uncontrolled release, exposure levels are unknown, or any other circumstance where air purifying respirators

may not provide adequate protection.

Precautionary Measures: Avoid eye contact. Avoid skin contact. Avoid breathing vapor. Keep container closed.

Do not take internally. Use reasonable care.

Comments: Product evolves flammable methyl alcohol when exposed to water or humid air.

Provide ventilation during use to control exposure within Section 8 guidelines or use air-

supplied or self-contained breathing apparatus.

Note: These precautions are for room temperature handling. Use at elevated temperature or aerosol/spray applications may require added precautions.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical Form: Paste

Color: White

Odor: Alcoholic odor

Specific Gravity @ 25°C: 1.34

Viscosity: Not determined.

Freezing/Melting Point: Not determined.

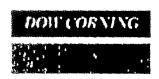
Boiling Point: Not determined.

Vapor Pressure @ 25°C: Not determined.

Vapor Density: Not determined.

Solubility in Water: Not determined.

pH: Not determined.



DOW CORNING CORPORATION Material Safety Data Sheet

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DOW CORNING(R) 748 NON-CORROSIVE SEALANT

Suilable Gloves: Silver Shield(R). 4H(R).

Inhalation: Use respiratory protection unless adequate local exhaust ventilation is provided or air

sampling data show exposures are within recommended exposure guidelines.

Industrial Hygiene Personnel can assist in judging the adequacy of existing engineering

controls.

Suitable Respirator: General and local exhaust ventilation is recommended to maintain vapor exposures

below recommended limits. Where concentrations are above recommended limits as determined by air sampling or are unknown, appropriate respiratory protection should

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Personal Protective Equipment for Spills

Eyes: Use full face respirator.

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protective gloves are recommended.

Inhalation/Suitable

Respirator:

Respiratory protection recommended. Follow OSHA Respirator Regulations (29 CFR 1910.134) and use NIOSH/MHSA approved respirators. Protection provided by air purifying respirators against exposure to any hazardous chemical is limited. Use a positive pressure air supplied respirator if there is any potential for uncontrolled release, exposure levels are unknown, or any other circumstance where air purifying respirators

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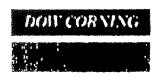
Boiling Point: Not determined.

Vapor Pressure @ 25°C: Not determined.

Vapor Density: Not determined.

Solubility in Water: Not determined.

pH: Not determined.



DOW CORNING CORPORATION Material Safety Data Sheet

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DOW CORNING(R) 748 NON-CORROSIVE SEALANT

Volatile Content: Not determined.

Note: The above information is not intended for use in preparing product specifications. Contact Dow Coming before writing specifications.

10. STABILITY AND REACTIVITY

Chemical Stability:

Stable.

Hazardous

Hazardous polymerization will not occur.

Polymerization:

Conditions to Avoid:

None.

Materials to Avoid:

Oxidizing material can cause a reaction. Water, moisture, or humid air can cause

hazardous vapors to form as described in Section 8.

11. TOXICOLOGICAL INFORMATION

Special Hazard Information on Components

No known applicable information.

12. ECOLOGICAL INFORMATION

Environmental Fate and Distribution

Complete information is not yet available.

Environmental Effects

Complete information is not yet available.

Fate and Effects in Waste Water Treatment Plants

Complete information is not yet available.

Ecotoxicity Classification Criteria

Hazard Parameters (LC50 or EC50)	High	Medium	Low
Acute Aquatic Toxicity (mg/L)	<=1	>1 and <=100	>100
Acute Terrestrial Toxicity	<=100	>100 and <= 2000	>2000

This table is adapted from "Environmental Toxicology and Risk Assessment", ASTM STP 1179, p.34, 1993.

This table can be used to classify the ecotoxicity of this product when ecotoxicity data is listed above. Please read the other information presented in the section concerning the overall ecological safety of this material.

13. DISPOSAL CONSIDERATIONS

RCRA Hazard Class (40 CFR 261)

When a decision is made to discard this material, as received, is it classified as a hazardous waste? No



DOW CORNING CORPORATION Material Safety Data Sheet

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DOW CORNING(R) 748 NON-CORROSIVE SEALANT

State or local laws may impose additional regulatory requirements regarding disposal.

Call Dow Corning Corporate Environmental Management, (989) 496-6315, if additional information is required.

14. TRANSPORT INFORMATION

DOT Road Shipment Information (49 CFR 172.101)

Not subject to DOT.

Ocean Shipment (IMDG)

Not subject to IMDG code.

Air Shipment (IATA)

Not subject to IATA regulations.

Call Dow Coming Transportation, (989) 496-8577, if additional information is required.

15. REGULATORY INFORMATION

Contents of this MSDS comply with the OSHA Hazard Communication Standard 29 CFR 1910.1200.

TSCA Status:

All chemical substances in this material are included on or exempted from listing on the

TSCA Inventory of Chemical Substances.

EPA SARA Title III Chemical Listings

Section 302 Extremely Hazardous Substances:

None.

Section 304 CERCLA Hazardous Substances:

None.

Section 312 Hazard Class:

Acute: Yes Chronic: No Fire: No Pressure: No Reactive: No

Section 313 Toxic Chemicals:

None present or none present in regulated quantities.

Supplemental State Compliance Information

California

Warning: This product contains the following chemical(s) listed by the State of California under the Safe Drinking



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DOW CORNING(R) 748 NON-CORROSIVE SEALANT

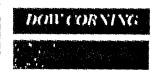
Water and Toxic Enforcement Act of 1986 (Proposition 65) as being known to cause cancer, birth defects or other reproductive harm.

None known.

Massachusetts

MOSSACIUSCUS		
CAS Number	Wt %	Component Name
471-34-1	40.0 ~ 70.0	Calcium carbonate
13463-67-7	1.0 - 5.0	Titanium dioxide
5.8 8		
New Jersey		
CAS Number	<u>Wt %</u>	Component Name
PMN871176	40.0 - 70.0	Dimethyl siloxane, trimethoxysilyl-terminated
471-34-1	40.0 - 70.0	Calcium carbonate
68083-19-2	5.0 ~ 10.0	Dimethyl siloxane, dimethylvinyl-terminated
1185-55-3	3.0 - 7.0	Methyltrimethoxysilane
13463-67-7	1.0 - 5.0	Titanium dioxide
14808-60-7	<=0.1	Quartz
Pennsylvania		
CAS Number	W1 %	Component Name
PMN871176	40.0 - 70.0	Dimethyl siloxane, trimethoxysilyl-terminated
471-34-1	40.0 - 70.0	Calcium carbonate
68083-19-2	5.0 - 10.0	Dimethyl siloxane, dimethylvinyl-terminated
1185-55-3	3.0 - 7.0	Methyltrimethoxysilane
13463-67-7	1.0 - 5.0	Titanium dioxide

16, OTHER INFORMATION



DOW CORNING CORPORATION Material Safety Data Sheet

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DOW CORNING(R) 748 NON-CORROSIVE SEALANT

Prepared by: Dow Coming Corporation

These data are offered in good faith as typical values and not as product specifications. No warranty, either expressed or implied, is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.

(R) indicates Registered Trademark