

JUL 10 1995

DOW CORNING CORPORATION MATERIAL SAFETY DATA SHEET

DOW CORNING(R) 790 SILICONE BUILDING SEALANT, NATURAL STONE

SECTION 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION			
Dow Corning Corporation South Saginaw Road Midland, Michigan 48686	24 Hour Emergency Telephone: (517) 496-5900 Product Information: (517) 496-6000 Product Disposal Information: (517) 496-5813 Transportation Information: (517) 496-8577 CHEMTREC: (800) 424-9300		
MSDS No: 01695746	Print Date: 12/03/93	Last Revised: 11/30/93	
Generic Description: Silicone elastomer Physical Form: Paste Color: Limestone Odor: Amine-like odor NFPA Profile: Health NA Flammability 1 Reactivity 0			
Note: NFPA = National Fire Protection Association			
SECTION 2. HAZARDOUS COMPONENTS			
CAS Number	Wt%	Component	Exposure Limits
000068122	.7	Dimethylformamide	OSHA PEL-skin and ACGIH TLV-skin: TWA 10 ppm.
001317653	53	Limestone	OSHA PEL: TWA 15 mg/m3 total dust, 5 mg/m3 respirable fraction. ACGIH TLV: TW A 10 mg/m3 total dust.
050791872	2	Methylvinyl bis(n-methylacetamido)silane	Dow Corning guide: TWA 1 ppm, 5 ppm Excursion limit. See N-methyl acetamide comments.
Comments: N-methyl acetamide is formed on contact with water or humid air. Provide adequate ventilation to control exposures to within Dow Corning recommended exposure guidelines of 1 ppm (TWA) and 5 ppm (Excursion Limit).			

SECTION 3. EFFECTS OF OVEREXPOSURE	
<u>Acute Effects</u>	
Eye:	Direct contact irritates slightly with redness and swelling.
Skin:	Repeated or prolonged contact may cause defatting of the skin leading to dermatitis.
Inhalation:	Short vapor exposure may cause drowsiness, irritate nose and throat and cause injury to the following organ(s): Liver. Kidneys. Bone marrow. Testes. Immune system.
Oral:	Small amounts transferred to the mouth by fingers during use, etc., should not injure. Swallowing large amounts may injure slightly.
<u>Repeated Exposure Effects</u>	
Skin:	None Known.
Inhalation:	Short vapor exposure may cause drowsiness, irritate nose and throat and cause injury to the following organ(s): Liver. Kidneys. Bone marrow. Testes. Immune system.
Oral:	Small amounts transferred to the mouth by fingers during use, etc., should not injure. Swallowing large amounts may injure slightly.
<u>Special Hazards</u>	
This material contains the following components with the special hazards listed below.	

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contain for salvage or disposal. Observe all personal protection equipment recommendations described in Sections 5 and 8. Local, state, and federal reporting requirements may apply to spills or releases of this material into the environment. See applicable regulatory compliance information in Section 15.

NOTE: See Section 8 for Personal Protective Equipment for Spills

SECTION 7. HANDLING AND STORAGE

Handling: No special precautions.

Storage: Keep container closed and store away from water or moisture.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls

Local exhaust: Recommended
General Ventilation: Recommended

Personal Protective Equipment For Routine Handling

Eyes: Use proper protection - safety glasses as a minimum.

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.

Suitable Gloves: Eval/Unknown (Silver Shield(R), Barricade(R), Responder(R), Chemrel(R)) PE/Eval/PE (Safety4-4H(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: Organic Vapor Type

Personal Protective Equipment For Spills

Eye: Use proper protection - safety glasses as a minimum.

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: 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.

Precautionary Measures: Avoid eye contact. Avoid skin contact. Avoid breathing vapor. Keep container closed. Do not take internally.

Comments: Product evolves N-methylacetamide when exposed to water or humid air. Provide ventilation during use to control N-methylacetamide within exposure guidelines (See Section 2) or use respiratory protection.

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

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SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical form: Paste
Color: Limestone
Odor: Amine-like odor
Specific Gravity @ 25C: 1.48
Viscosity: Not Applicable.
Freezing/Melting Point: Not Determined.
Boiling Point: Not Applicable.
Vapor Pressure @ 25C: Not Applicable.
Vapor Density: Not Applicable.
Solubility in Water: None.
pH: Not Applicable.
Volatile content (Wt%): Not Applicable.

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

SECTION 10. STABILITY AND REACTIVITY

Chemical Stability: Stable.
Hazardous Polymerization: Hazardous polymerization will not occur.
Conditions to Avoid: None.
Materials to Avoid: Oxidizing material can cause a reaction.
Comments: Water, moisture, or humid air - hazardous vapors form as described in Section 2.

SECTION 11. TOXICOLOGICAL INFORMATION

OPTIONAL SECTION - Complete information not yet available.

SECTION 12. ECOLOGICAL INFORMATION

OPTIONAL SECTION - Complete information not yet available.

SECTION 13. DISPOSAL CONSIDERATIONS

OPTIONAL SECTION - Complete information not yet available.

Call Dow Corning Environmental Mgmt. (517)496-6315, if more information is desired.

SECTION 14. TRANSPORT INFORMATION

DOT Information (49CFR 172.101)

Proper Shipping Name: Not Available
Hazard Technical Name: Not Available
Hazard Class: Not Available
UN/NA Number: Not Available
Packing Group: Not Available

Call Dow Corning Transportation, (517)496-8577, if additional information is required.

SECTION 15. REGULATORY INFORMATION

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

TSCA Status: All chemical substances found in this product comply with the Toxic Substances Control Act inventory reporting requirements.

EPA SARA Title III Chemical Listings:

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Section 302 Extremely Hazardous Substances:

None

Section 304 CERCLA Hazardous Substances:

None

Section 312 Hazard Class:

Acute: Y
Chronic: Y
Fire: N
Pressure: N
Reactive: N

Y = Yes N = No

Section 313 Toxic Chemicals:

None present or none present in regulated quantities.

Supplemental State Compliance Information

CAS Number Wt% Component

California

Warning: This product contains the following chemical(s) listed by the State of California under the Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65) as being known to cause cancer.

None Known.

Warning: This product contains the following chemical(s) listed by the State of California under the Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65) as being known to cause birth defects or other reproductive harm.

None Known.

Massachusetts

001317653 53 Limestone

New Jersey

001317653 53 Limestone
050791872 2 Methylvinyl bis(n-methylacetamido)silane
070131678 41 Dimethyl siloxane, hydroxy-terminated
068952534 1 Dimethyl, methylethyl-N-hydroxyethamine siloxane

Pennsylvania

070131678 41 Dimethyl siloxane, hydroxy-terminated
001317653 53 Limestone

SECTION 16. OTHER INFORMATION

Prepared by: Dow Corning Corporation

This information is offered in good faith as typical values and not as a product specification. No warranty, expressed or implied, is made. The recommended industrial hygiene and safe handling procedures are

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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.

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