



DOW CORNING CORPORATION  
MATERIAL SAFETY DATA SHEET

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

Carcinogens

000068122 .7 Dimethylformamide IARC Group 2B

Teratogens

None Known

Mutagens

None Known

Reproductive Toxins

None Known

Sensitizers

None Known

Comments: Contains Bis(n-methylacetamido)silane which liberates N-Methylacetamide (NMA) during cure. NMA has been shown to cause birth defects in laboratory animals. Please read the additional information below.

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.

**SECTION 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.

**SECTION 5. FIRE FIGHTING MEASURES**

Flash Point (Method): 212.00 DEGREE F / 100.00 DEGREE C  
Autoignition Temperature: Not Determined

Flammability Limits in Air: Not Determined

Extinguishing Media: Carbon dioxide (CO2). Water. Water fog (or spray).  
Dry chemical. Foam.

Unsuitable Extinguishing Media: None

Fire Fighting Procedures: Self-contained breathing apparatus and protective clothing should be worn in fighting fires involving chemicals. If large amount is involved, evacuate area.

Unusual Fire Hazards: None

Hazardous Decomposition Products: Silicon dioxide. Nitrogen oxides. Carbon oxides and traces of incompletely burned carbon compounds.  
Formaldehyde.

**SECTION 6. ACCIDENTAL RELEASE MEASURES**

Containment/Clean-up: Disposal of collected product, residues, and cleanup materials may be governmentally regulated. Observe all applicable local, state, and federal waste management regulations. Scrape up and

**DOW CORNING CORPORATION  
MATERIAL SAFETY DATA SHEET**

Page 3

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

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.

**DOW CORNING CORPORATION  
MATERIAL SAFETY DATA SHEET**

Page 4

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

**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 CAA Title III Chemical Listings:

**DOW CORNING CORPORATION  
MATERIAL SAFETY DATA SHEET**

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

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**

<u>CAS Number</u>	<u>Wt%</u>	<u>Component</u>
-------------------	------------	------------------

**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 by Dow Corning Corporation. The recommended industrial hygiene and safe handling procedures are

DOW CORNING CORPORATION  
MATERIAL SAFETY DATA SHEET

Page 6

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

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 or Trademark of the Dow Corning Corporation.

\* \* \* \* \* This is the last page. \* \* \* \* \*