

# MATERIAL SAFETY DATA SHEET

## G-7

EFFECTIVE DATE	May 5, 1996
REVISED DATE	April 12, 2011
TRADE NAME	NEMA GRADE G-7
CHEMICAL FAMILY	Silicone Resin
CHEMICAL FORMULA	
<b>SECTION II - HAZARDOUS INGREDIENTS</b>	
HAZARDOUS COMPONENTS	No OSHA Hazardous Ingredients
<b>SECTION III - PHYSICAL DATA</b>	
BOILING POINT (F)	N/D
FREEZING POINT (F)	
VOLATILITY / VOLUME (%)	<0.05%
MELTING POINT	N/D
VAPOR PRESSURE (mmHg)	N/D
VAPOR DENSITY (Air=1)	N/D
SOLUBILITY IN H2O	Insoluble
APPEARANCE / ODOR	Odorless Solid
SPECIFIC GRAVITY (H2O=1)	1.5
ACIDITY	
<b>SECTION IV- FIRE AND EXPLOSION HAZARD DATA</b>	
FLASH POINT	N/A
LOWER FLAME POINT	
HIGHER FLAME POINT	
EXTINGUISH MEDIA FOR FIRE	Water, foam, carbon dioxide
	Self-contained breathing apparatus with full face piece and protective clothing
UNUSUAL FIRE HAZARD	Dust from dry fabrication maybe explosive if mixed with air in critical proportion in the presence of ignition source.
<b>SECTION V- HEALTH HAZARD DATA</b>	
HEALTH HAZARD	
THRESHOLD LIMIT VALUE OVER EXPOSURE EFFECTS	Dust can irritation to eyes, nose, throat and lungs. Prolonged inhalation of dust can produce lung disease.
<b>SECTION VI - REACTIVITY DATA</b>	
CHEMICAL STABILITY	Stable under normal conditions.
CONDITIONS TO AVOID	Avoid heating above 450°F



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### SECTION VI - REACTIVITY DATA - CONTINUED

INCOMPATIBLE MATERIALS

Exposure to strong acids or bases will cause damage

DECOMPOSITION PRODUCTS

Small quantities of HCN, CO CO<sub>2</sub>, approximately same as wood

HAZARDOUS POLYMERIZATIONS

Will not occur

POLYMERIZATION AVOID

### SECTION VII - SPILL OR LEAK PROCEDURE

FOR SPILL

WASTE DISPOSAL METHOD

Must comply with federal, state and local laws.

### SPECIAL VIII - SPRECIAL PTOTECTION

RESPIRATORY PROTECTION

Use MSHA-NIOSH approved respirator for dusts, mists and fumes whose TLV is greater than 0.05 mg/m<sup>3</sup>

VENTILATION

Remove decomposition fumes with local exhaust if overheating occurs during processing (above 150°C)

PROTECTIVE GLOVES

Use work gloves

EYE PROTECTION

Safety glasses with side shields

OTHER PROTECTIVE EQUIPMENT

Eyewash station in work area

HANDLING AND STORAGE

### SECTION IX - SPECIAL PRECAUTIONS

HAZARD CLASS

DOT SHIPPING NAME

REPORTABLE QUANTITY (RQ)

UN NUMBER NA#

NA#

PACKAGING SIZE

#### Notes:

All information recommendations and suggestions appearing herein concerning this product are based upon data obtained from the manufacturer and/or recognized technical sources. It is the user's responsibility to determine the Safety, Toxicity and suitability of his/her own use, handling and disposal request. Since actual use by others is beyond our control, no warranty, expresses or implied, is made by Polymer Plastics Company L.C. as to effects of such use. The results to be obtained or the safety and toxicity of the product, nor does Polymer Plastics Company L.C. assume any liability arising out of use by others of the product referred to herein. The data in this MSDS relate only to the specific material designated herein and do not relate to use in combination with any other material or in any other process.

**REFERENCES:** N/A = Not Applicable, N/D = Not Determined, N.D.A. = No Date Available



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