

MATERIAL SAFETY DATA SHEET

EFFECTIVE DATE	May 5, 1996
REVISED DATE	April 12, 2011
TRADE NAME	NEMA GRADE G-7
CHEMICAL FAMILY	Silicone Resin
CHEMICAL FORMULA	
SECTION II - HAZARDOUS INGREDIENTS	
HAZARDOUS COMPONENTS	No OSHA Hazardous Ingredients
SECTION III - PHYSICAL DATA	
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 H ₂ O	Insoluble
APPEARANCE / ODOR	Odorless Solid
SPECIFIC GRAVITY (H ₂ O=1)	1.5
ACIDITY	
SECTION IV- FIRE AND EXPLOSION HAZARD DATA	
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.
SECTION V- HEALTH HAZARD DATA	
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.
SECTION VI - REACTIVITY DATA	
CHEMICAL STABILITY	Stable under normal conditions.
CONDITIONS TO AVOID	Avoid heating above 450°F



MATERIAL SAFETY DATA SHEET

SECTION VI - REACTIVITY DATA - CONTINUED	
INCOMPATIBLE MATERIALS	Exposure to strong acids or bases will cause damage
DECOMPOSITION PRODUCTS	Small quantities of HCN, CO CO2, 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/m3
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



550 Mallory Way • Carson City, NV 89701
 (775) 283-4400 • (800) 475-2214 • FAX (775) 283-4410
www.polymerplastics.com