

MATERIAL SAFETY DATA SHEET

MACOR

EFFECTIVE DATE	December 1, 1993
REVISED DATE	September 16, 2011
TRADE NAME	Macor
CHEMICAL FAMILY	Fluorosilicate Glass-Ceramic
CHEMICAL FORMUA	
SECTION II - HAZARDOUS INGREDIENTS	
HAZARDOUS COMPONENTS	Silicon, Aluminum, Magnesium, Potassium, Fluoride and Boron
SECTION III - PHYSICAL DATA	
BOILING POINT (F)	N/A
FREEZING POINT (F)	N/A
VOLATILITY / VOLUME (%)	N/A
MELTING POINT	N/A
VAPOR PRESSURE (mmHg)	N/A
VAPOR DENSITY (Air=1)	N/A
SOLUBILITY IN H2O	Insoluable
APPEARANCE / ODOR	Solid glass ceramic, white and odorless
SPECIFIC GRAVITY (H2O=1)	2.52
ACIDITY	
SECTION IV- FIRE AND EXPLOSION HAZARD DATA	
FLASH POINT	N/A
LOWER FLAME POINT	
HIGHER FLAME POINT	
EXTINGUISH MEDIA FOR FIRE	Use methods to fight surrounding fire. This material will not burn. Wear full protective clothing, helmet, face mask and self-contained positive pressure breathing apparatus.
UNUSUAL FIRE HAZARD	Use methods to fight surrounding fire. This material will not burn.
SECTION V- HEALTH HAZARD DATA	
HEALTH HAZARD	
THRESHOLD LIMIT VALUE OVER EXPOSURE EFFECTS	
SECTION VI - REACTIVITY DATA	
CHEMICAL STABILITY	Stable
CONDITIONS TO AVOID	



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

MATERIAL SAFETY DATA SHEET

MACOR

SECTION VI - REACTIVITY DATA - CONTINUED	
INCOMPATIBLE MATERIALS	
DECOMPOSITION PRODUCTS	Material will begin softening at above 800° C, will proceed to a liquid and form irritating and toxic gaseous metallic oxides at extremely high temperatures.
HAZARDOUS POLYMERIZATIONS POLYMERIZATION AVOID	Will not occur
SECTION VII - SPILL OR LEAK PROCEDURE	
FOR SPILL	Collect spill with a vacuum cleaner with a HEPA filter. Recycle or dispose off according to local regulations.
WASTE DISPOSAL METHOD	
SPECIAL VIII - SPECIAL PROTECTION	
RESPIRATORY PROTECTION	Not normally needed
VENTILATION	
PROTECTIVE GLOVES	Wear leather or other appropriate work gloves.
EYE PROTECTION	Safety glasses with side shields
OTHER PROTECTIVE EQUIPMENT	Coveralls
HANDLING AND STORAGE	Store in dry area and avoid inhalation of dust and contact with skin and eyes.
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, expressed 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
www.polymerplastics.com