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MSDS0169  
Ver. No.1  
Ver. Date June 22, 2000

**SECTION 1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

PRODUCT NAME: Metacalk® 1000  
 PRODUCT CODES: 66302, 66303, 66305, 66307, 66309  
 CHEMICAL FAMILY: Inorganic  
 USE: Firestopping Sealant  
 MANUFACTURER / SUPPLIER  
 RectorSeal  
 2601 Spenwick  
 Houston, Texas 77055 USA

EMERGENCY TELEPHONE NUMBERS:  
 Chemtrec 24 hours: (800) 424-9300  
 RectorSeal: (713) 263-8001

NON EMERGENCY TELEPHONE NUMBERS:  
 Technical Service: (800) 231-3345

**SECTION 2 COMPOSITION / INFORMATION ON INGREDIENTS**

HAZARDOUS COMPONENTS	CAS NO.	APPROX			HMIS	NFPA
		% OSHA PEL	ACGIH TLV	OTHER LIMITS		

None as defined by OSHA Hazardous Communication Standard 29 CFR 1910.1200.

**SECTION 3 HAZARDS IDENTIFICATION**

SUMMARY OF ACUTE HAZARDS May cause skin irritation.

ROUTE OF EXPOSURE	SIGNS AND SYMPTOMS	PRIMARY ROUTE(S)
INHALATION:	N/A	No
EYE CONTACT:	Contact may cause eye irritation.	Yes
SKIN CONTACT:	May cause skin irritation.	Yes
INGESTION:	Possible irritation to mucous membranes of the mouth, throat, and stomach.	No
SUMMARY OF CHRONIC HAZARDS: None known.		
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Persons with pre-existing skin conditions or chemical allergies may be more susceptible to contact effects of the cured elastomer.		

**SECTION 4 FIRST AID MEASURES**

INHALATION: N/A  
 EYE CONTACT: Immediately flush with large amounts of water for at least 15 minutes. Get prompt medical attention.  
 SKIN CONTACT: Wash with soap and water. If irritation occurs, seek medical attention.  
 INGESTION: If swallowed, call a physician immediately. Only induce vomiting at the instruction of a physician. Never give anything by mouth to an unconscious person.

**SECTION 5 FIRE FIGHTING MEASURES**

FLASH POINT: None  
 EXTINGUISHING MEDIA: Foam, dry chemical, carbon dioxide or water fog.  
 SPECIAL FIRE FIGHTING PROCEDURES: Wear self-contained full face piece breathing apparatus and other protective clothing.  
 UNUSUAL FIRE AND EXPLOSION HAZARDS: Heat may build up and rupture closed containers.

**SECTION 6 ACCIDENTAL RELEASE MEASURES**

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Wipe up spills to prevent footing hazard. Avoid flushing into sewers, drains, waterways and soil. Wear protective clothing during clean up.

**SECTION 7 STORAGE AND HANDLING**

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Keep container closed and upright when not in use. To prevent freezing and possible rupture of container, do not store below 40°F.  
 OTHER PRECAUTIONS: Avoid prolonged or repeated contact with skin or clothing. Empty containers may contain residues and vapors; treat as if full and observe all product precautions. Do not reuse empty containers. KEEP OUT OF REACH OF CHILDREN.

**SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION**

RESPIRATORY PROTECTION (SPECIFY TYPE): None required.  
 VENTILATION - LOCAL EXHAUST: Acceptable  
 MECHANICAL (GENERAL): Acceptable  
 SPECIAL: N/A  
 OTHER: N/A  
 PROTECTIVE GLOVES: Wear non-permeable gloves.  
 EYE PROTECTION: Goggles (ANSI Z-87.1 or equivalent).  
 OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Coveralls recommended.  
 WORK/HYGIENIC PRACTICES: Where use can result in skin contact, wash exposed areas thoroughly before eating, drinking, smoking, or leaving work area. Launder contaminated clothing before reuse.

MATERIAL SAFETY DATA SHEET - **METACALK® 1000**

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**SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES**

BOILING POINT: 212°F (100°C) @ 760mm Hg  
VAPOR PRESSURE (mm Hg): 17 @ 68°F (20°C)  
VAPOR DENSITY (AIR = 1): N/A  
SOLUBILITY IN WATER: Soluble  
SPECIFIC GRAVITY (H<sub>2</sub>O = 1): 1.25  
MELTING POINT: N/A  
EVAPORATION RATE (ETHYL ACETATE = 1): >1  
APPEARANCE/ODOR: Red Paste/Mild Odor

**SECTION 10 STABILITY AND REACTIVITY**

STABILITY: Stable  
CONDITIONS TO AVOID: None  
INCOMPATIBILITY (MATERIALS TO AVOID): None known.  
HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition can produce oxides of carbon, nitrogen and other potentially toxic fumes.  
HAZARDOUS POLYMERIZATION: Will not occur.

**SECTION 11 TOXICOLOGY INFORMATION**

CARCINOGENICITY: NTP: No IARC MONOGRAPHS: No OSHA REGULATED: No  
SUBSTANCE      CAS NO.      LD50      LC50  
N/A      N/A      N/A      N/A

**SECTION 12 ECOLOGICAL INFORMATION**

SUBSTANCE      FOOD CHAIN      WATERFOWL TOXICITY      BOD      AQUATIC TOXICITY  
N/A      CON POTENTIAL      N/A      N/A      N/A  
N/A

**SECTION 13 DISPOSAL CONSIDERATIONS**

WASTE DISPOSAL METHOD: Dispose of clean up materials and liquid waste in accordance with all local, state and federal regulations.

**SECTION 14 TRANSPORTATION INFORMATION**

DOT: Non-Regulated  
OCEAN (IMDG): Non-Regulated  
AIR (IATA): Non-Regulated  
WHMIS (CANADA): Non-Regulated

**SECTION 15 REGULATORY INFORMATION**

SUBSTANCE      SARA 313      TSCA INVENTORY      CERCLA RQ      RCRA CODE  
N/A      N/A      Yes      N/A      N/A

**SECTION 16 OTHER INFORMATION**

This document is prepared pursuant to the OSHA Hazardous Communication Standard (29 CFR 1910.1200). The information herein is given in good faith, but no warranty, express or implied is made. Consult RectorSeal for further information: (713) 263-8001.