

Material Safety Data Sheet

Date last revised May, 2005

I. GENERAL INFORMATION		
Chemical Name & Synonyms SILICONE SEALANT	Trade Name & Synonyms PECORA 890FTS	
Chemical Family POLYDIMETHYLSILOXANE MIXTURE	Formula MIXTURE	
Proper DOT Shipping CALKING COMPOUND	DOT Hazard Classification NONE	
Manufacturer PECORA CORPORATION	Manufacturer's Phone Number 215-723-6051	
Manufacturer's Address 165 Wambold Road, Harleysville, PA 19438	Chemtrec Phone Number 800-424-9300	
II. INGREDIENTS		
Principal Hazardous Components SILICONE DIOXIDE (CAS # 112945-52-5)	Percent 4 - 5 %	Threshold Limit Value (Units) 10 Mg/M ³ DUST
METHYL OXIMINO SILANE (CAS # 34036-80-1)	4 - 5 %	NONE ESTABLISHED
MINERAL SPIRITS (CAS # 64741-41-9)	1 - 3 %	
THIS PRODUCT DOES NOT CONTAIN ANY TOXIC CHEMICALS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF SARA.		
HEALTH 1	FLAMMABILITY 1	REACTIVITY 0
III. PHYSICAL DATA		
Boiling Point (°F) N/A	Specific Gravity (H ₂ O = 1) 1.30	
Vapor Pressure (mm Hg.) UNKNOWN	Percent Volatile by Volume (%) <5%	
Vapor Density (Air = 1) HEAVIER	Evaporation Rate (ETHER= 1) SLOWER	
Solubility in Water INSOLUBLE	pH N/A	
Appearance & Odor SMOOTH PASTE – MILD, SLIGHTLY SOLVENT-LIKE		
IV. FIRE & EXPLOSION HAZARD DATA		
Flash Point (Test Method) > 220° F.	Auto Ignition Temperature	
Flammable Limits UNKNOWN	LEL NOT DETERMINED	UEL NOT DETERMINED
Extinguishing Media : DRY CHEMICAL, WATER SPRAY, FOAM, CARBON DIOXIDE		
Special Fire Fighting Procedures: WEAR SELF-CONTAINED BREATHING APPARATUS WHEN FIGHTING FIRES THAT CONTAIN CHEMICALS.		
Unusual Fire & Explosion Hazards: UNDER FIRE CONDITIONS, IRRITATING OR TOXIC VAPORS MAY BE PRESENT.		

V. Health Hazard Data

OSHA Permissible Exposure Limit SEE SECTION II	ACGIH Threshold Limit Value SEE SECTION II
Carcinogen – NTP Program NO	Carcinogen – IARC Program NO
Symptoms of Exposure: VAPORS EMITTED AS THE SEALANT CURES MAY IRRITATE THE EYES, NOSE AND THROAT PARTICULARLY IN AN ENCLOSED OR POORLY VENTILATED AREA. DIRECT CONTACT WITH THE UNCURED PRODUCT MAY IRRITATE THE EYES AND MOUTH.	
Medical Conditions Aggravated By Exposure: PRECLUDE FROM EXPOSURE THOSE INDIVIDUALS HAVING A HISTORY OF RESPIRATORY ILLNESS OR PRE-EXISTING EYE OR SKIN CONDITIONS.	
Primary Route (s) of Entry: INHALATION AND SKIN OR EYE CONTACT	
Emergency First Aid: INHALATION: MOVE TO FRESH AIR. IF BREATHING IS DIFFICULT, GIVE OXYGEN. CALL A PHYSICIAN. SKIN: REMOVE UNCURED MATERIAL AND WASH WITH SOAP AND WATER. EYES: FLUSH WITH RUNNING WATER 15 MINUTES. CONSULT A PHYSICIAN. INGESTION: CONSULT A PHYSICIAN IMMEDIATELY.	

VI. REACTIVITY DATA

Stability		Unstable	Conditions to Avoid WATER AND HIGH TEMPERATURES
	X	Stable	
Incompatibility			Materials to Avoid WATER AND STRONG ACID
Hazardous Polymerization		May Occur	Conditions to Avoid HIGH HUMIDITY AND HIGH TEMPERATURES
	X	Will Not Occur	

Hazardous Decomposition Products:
OXIDES OF CARBON, SILOXANE AND POSSIBLY OTHER FUMES WHICH MAY BE TOXIC.

VII. ENVIRONMENTAL PROTECTION PROCEDURES

Spill Response: COVER WITH DRY ABSORBENT MATERIAL SUCH AS SAND OR DIRT. PICK UP AND PLACE IN A CONTAINER FOR DISPOSAL.

Waste Disposal Method: LAND FILL OR INCINERATE IN ACCORDANCE WITH FEDERAL, STATE OR LOCAL ENVIRONMENTAL CONTROL REGULATIONS.

VIII. SPECIAL PROTECTION INFORMATION

Eye Protection NONE NORMALLY REQUIRED	Skin Protection NONE NORMALLY REQUIRED
Respiratory Protection (Specific Type) ORGANIC VAPOR RESPIRATOR IN CONFINED AREAS	Ventilation Recommended LOCAL VENTILATION
Other Protection: SAFETY GLASSES FOR OVERHEAD APPLICATIONS	

IX. SPECIAL PRECAUTIONS

Hygienic Practices In Handling & Storage: TO PROLONG SHELF LIFE, STORE AT TEMPERATURES BELOW 80° F. WASH HANDS AFTER USE. STORE IN DRY AREA FROM HEAT.

Precautions For Repair & Maintenance of Contaminated Equipment:
SEE SECTION V

Other Precautions:

KEEP OUT OF REACH OF CHILDREN!!!!