

# Material Safety Data Sheet

Date last revised JULY 2010

<b>I. GENERAL INFORMATION</b>		
Chemical Name & Synonyms SILICONE SEALANT	Trade Name & Synonyms PECORA 301 NS SILICONE PAVEMENT SEALANT	
Chemical Family POLYDIMETHYLSILOXANE MIXTURE	Formula MIXTURE	
Proper DOT Shipping CAULKING 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	
<b>II. INGREDIENTS</b>		
Principal Hazardous Components CALCIUM CARBONATE (CAS # 1317-65-3, 471-34-1) SILICON DIOXIDE (CAS # 112945-52-5)	Percent 40 -50% 2 - 4%	Threshold Limit Value (Units) 2 mg/m <sup>3</sup> respirable dust (ACGIH) 3 mg/m <sup>3</sup> respirable dust (ACGIH)
PHENYL OXIMINO SILANE (CAS # 34036-80-1) CARBON BLACK (CAS # 1333-86-4)	4 - 6 % <1 %	NONE ESTABLISHED 3.5 mg/m <sup>3</sup> dust (OSHA)
THIS PRODUCT DOES NOT CONTAIN ANY TOXIC CHEMICALS (ABOVE DE MINIMIS LEVELS) SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF SARA.		
THIS PRODUCT CONTAINS CHEMICALS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER, BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM.		
HEALTH 1	FLAMMABILITY 0	REACTIVITY 0
<b>III. PHYSICAL DATA</b>		
Boiling Point (°F) N/A	Specific Gravity (H <sub>2</sub> O = 1) 1.36	
Vapor Pressure (mm Hg.) UNKNOWN	Percent Volatile by Volume (%) < 4% 50g/L	
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		
<b>IV. FIRE &amp; EXPLOSION HAZARD DATA</b>		
Flash Point (Test Method) > 200° F.	Auto Ignition Temperature NOT DETERMINED	
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 NOT LISTED	Carcinogen – IARC Program CARBON BLACK – CLASS 2B (possible human carcinogen)
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
	X	Stable	WATER AND HIGH TEMPERATURES
Incompatibility			Materials to Avoid WATER AND STRONG ACID
Hazardous		May Occur	Conditions to Avoid
	X	Will Not Occur	HIGH HUMIDITY AND HIGH TEMPERATURES
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, DIRT OR VERMICULITE. PICK UP AND PLACE IN AN APPROPRIATE CONTAINER FOR DISPOSAL.

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

**VIII. SPECIAL PROTECTION INFORMATION**

Eye Protection NONE NORMALLY REQUIRED	Skin Protection NONE NORMALLY REQUIRED
Respiratory Protection (Specific Type) NIOSH APPROVED ORGANIC VAPOR RESPIRATOR IN CONFINED AREAS	Ventilation Recommended LOCAL VENTILATION IS USUALLY SUFFICIENT
Other Protection: SAFETY GLASSES OR GOGGLES 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: USE ADDITIONAL PPE , AS REQUIRED

**FOR PROFESSIONAL USE ONLY!**  
**KEEP OUT OF REACH OF CHILDREN!**