

Material Safety Data Sheet

Date last revised: JANUARY, 2004

I. GENERAL INFORMATION		
Chemical Name & Synonyms ORGANOSILANE	Trade Name & Synonyms P-810 INTERLAMINARY PRIMER	
Chemical Family SILANE	Formula MIXTURE	
Proper DOT Shipping RESIN SOLUTION-FLAMMABLE LIQUID	DOT Hazard Classification UN1866 PGIII, CLASS 3, FLAMMABLE LIQUID	
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 XYLENE (CAS # 1330-20-7)	Percent 15 - 30	Threshold Limit Value (Units) 100 ppm
METHYL ETHYL KETON (CAS # 78-93-3)	15 - 30	200 ppm
4,4' DIPHENYLETHANE (CAS # 101-68-8) DIISOCYANATE	15 - 30	0.005 ppm
THIS PRODUCT CONTAINS XYLENE WHICH IS SUBJECT TO THE ANNUAL REPORTING REQUIREMENTS UNDER SECTION 313 OF SARA AND 40 CFR, PART 372.		
HEALTH 2	FLAMMABILITY 3	REACTIVITY 1
III. PHYSICAL DATA		
Boiling Point (°F) 175° F (79°C)	Specific Gravity (H ₂ O = 1) 1.04	
Vapor Pressure (mm Hg.) HEAVIER THAN AIR	Percent Volatile by Volume (%) 30 - 60	
Vapor Density (Air = 1) NA	Evaporation Rate (ETHER= 1) SLOWER	
Solubility in Water REACT WITH WATER	pH N/A	
Appearance & Odor AROMATIC AND ACETONE LIKE ODOR		
IV. FIRE & EXPLOSION HAZARD DATA		
Flash Point (Test Method) 23°F (-5°C)	Auto Ignition Temperature 759°F (404°C)	
Flammable Limits UPPER PERCENT 12	LOWER 1	LEL UEL
Extinguishing Media : FOAM, CO ₂ , DRY CHEMICALS FOAM		
Special Fire Fighting Procedures: WEAR NIOSH/MSHA APPROVED RESPIRATORS.		
Unusual Fire & Explosion Hazards: VAPORS MAY BE IGNITED BY HIGH ENERGY IGNITION SOURCES. IF CONTAINERS ARE EXPOSED TO EXCESSIVE HEAT, THEY MAY BURST.		

V. Health Hazard Data

OSHA Permissible Exposure Limit SEE SECTION II	ACGIH Threshold Limit Value SEE SECTION II
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Carcinogen – NTP Program NO	Carcinogen – IARC Program NO
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Symptoms of Exposure: INHALATION OF VAPORS OR MIST MAY PRODUCE RESPIRATORY IRRITATION. INHALATION OF HIGH VAPOR CONCENTRATIONS MAY CAUSE LETHARGY, HEADACHE, DIZZINESS OR NAUSEA.

Medical Conditions Aggravated By Exposure: PRECLUDE FROM EXPOSURE THOSE INDIVIDUALS HAVING A HISTORY OF RESPIRATORY AILMENTS.

Primary Route (s) of Entry:
INHALATION AND DERMAL

Emergency First Aid: EYES: FLUSH WITH WATER FOR 15 MINUTES. CALL A PHYSICIAN. SKIN: WASH PROMPTLY WITH SOAP AND WATER. INGESTION: DO NOT INDUCE VOMITING. CALL A PHYSICIAN PROMPTLY. INHALATION: REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. CALL A PHYSICIAN.

VI. REACTIVITY DATA

Stability		Unstable	Conditions to Avoid HEAT, SPARKS, OPEN FLAME AND FIRE.
	X	Stable	

Incompatibility
Materials to Avoid STRONG OXIDIZERS, STRONG ACIDS, STRONGE BASES AND AMINES.

Hazardous Polymerization		May Occur	Conditions to Avoid HEAT, SPARKS, OPEN FLAME AND FIRES. NONE
	X	Will Not Occur	

Hazardous Decomposition Products: FUMES, SMOKE, CARBON MONOXIDE, ALDEHYDES AND OTHER DECOMPOSITION PRODUCTS IN THE CASE OF INCOMPLETE COMBUSTION.

VII. ENVIRONMENTAL PROTECTION PROCEDURES

Spill Response: REMOVE ALL SOURCES OF IGNITION. USE ADEQUATE VENTILATION TO PROMOTE DRYING. SOAK UP WITH ABSORBENT MATERIAL AND REMOVE TO CLOSED CONTAINERS. WASH AREA WITH MILD DETERGENT AND WATER.

Waste Disposal Method: INCINERATE OR LAND BURIAL WHERE STATUTES PERMIT. DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL EPA REGULATIONS.

VIII. SPECIAL PROTECTION INFORMATION

Eye Protection GLASSES OR GOGGLES	Skin Protection RUBBER GLOVES (OPTIONAL)
Respiratory Protection (Specific Type) ABOVE TLV WEAR NIOSH/MSHA APPROVED RESPIRATOR	Ventilation Recommended LOCAL EXHAUST

Other Protection:
RUBBER APRON AND BARRIER CREAM

IX. SPECIAL PRECAUTIONS

Hygienic Practices In Handling & Storage: WASH THOROUGHLY WITH SOAP AND WATER AFTER USE AND BEFORE EATING. USE WITH ADEQUATE VENTILATION. DO NOT TAKE INTERNALLY.

Precautions For Repair & Maintenance of Contaminated Equipment:
SEE SECTION VI AND VIII

Other Precautions: KEEP CONTAINERS CLOSED WHEN NOT IN USE.

KEEP OUT OF REACH OF CHILDREN!!!!