

MATERIAL SAFETY DATA SHEET



MANUFACTURER Conspic Marketing & Manufacturing Co., Inc. 636 South 66th Terrace, Kansas City, KS 66111		EMERGENCY TELEPHONE NUMBER 1-800-555-5053 INFORMATION TELEPHONE NUMBER 1-800-348-7351	
PRODUCT NAME Silane 40		CHEMICAL COMPOSITION Modified hydrocarbon resin in aliphatic hydrocarbon solvent	
ACUTE HEALTH 2	FIRE 2	REACTIVITY 0	HAZARD RATING LEAST - 0 SLIGHT - 1 MODERATE - 2 HIGH - 3 EXTREME - 4 See Section IV and V

SECTION II - HAZARDOUS INGREDIENTS IDENTITY INFORMATION

CHEMICAL NAME	CAS #	ACGIH PEL	OSHA TLV	OTHER TEXACO	APPROX. %
Mixture of saturated hydrocarbons C 9-12 (mineral spirits)	64742-88-7	-	-	Total for mix	60
Alkyl Alkoxy Silane				100 ppm	40
SOME INGREDIENTS OF THE PRODUCT ARE HAZARDOUS AS DEFINED IN 29 CFR 1910.1200. FOR ADDITIONAL INFORMATION SEE SECTIONS X & XI					

SECTION III - PHYSICAL DATA

BOILING POINT (°F)	315 - 325	SPECIFIC GRAVITY (H ₂ O = 1)	.825 ± .05
VAPOR PRESSURE (mm Hg) at 68°F	2.7	pH	N/A
VAPOR DENSITY (Air = 1) at 68°F	4.8	VOLATILE ORGANIC CONTENT	495
EVAPORATION RATE (Butyl Acetate = 1)	0.12	DECOMPOSITION TEMP.	N/A
SOLUBILITY IN WATER, %	Negligible	PERCENT VOLATILE BY WEIGHT	N/A

APPEARANCE AND ODOR: Amber liquid with petroleum distillate odor

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY CLASSIFICATION: COMBUSTIBLE ground transportation FLAMMABLE: Air, Marine, International Shipments	FLAMMABLE LIMITS LEL 1.0 UEL N/A FLASH POINT (Method Used): Above 101°F T.C.C.
EXTINGUISHING MEDIA: Foam, CO ₂ , steam, water fog, dry chemicals	
UNUSUAL FIRE AND EXPLOSION HAZARDS: Either the liquid or vapor may settle in low areas or travel some distance along the ground or its surface to ignition sources where they may ignite or explode.	
SPECIAL FIRE FIGHTING PROCEDURES: A straight water stream would spread hydrocarbon fires. Avoid breathing vapors. Use fresh air respirators.	

SECTION V - HEALTH HAZARD DATA

PRIMARY ROUTE(S) OF ENTRY: <input checked="" type="checkbox"/> INHALATION <input checked="" type="checkbox"/> SKIN <input checked="" type="checkbox"/> INGESTION
CANCER CAUSING AGENT: N/A <input type="checkbox"/> NTP N/A <input type="checkbox"/> ARC N/A <input type="checkbox"/> OSHA
This product contains benzene. Prolonged and repeated exposure to benzene has been associated with anemia and leukemia in humans.
EFFECTS OF ACUTE AND CHRONIC OVEREXPOSURE: 1. Eye irritant; can cause skin irritation; can defat skin and lead to dermatitis. 2. Chronic overexposure leads to central nervous system depression and permanent brain and nervous system damage.
Overexposure can lead to upper respiratory irritation; swallowing can cause gastrointestinal irritation, nausea, vomiting and diarrhea.
MEDICAL CONDITIONS PRONE TO AGGRAVATION BY EXPOSURE: Pre-existing eye, skin and respiratory disorders.
EMERGENCY AND FIRST AID PROCEDURES:
INHALATION: If affected by inhalation of vapor, remove to fresh air. Restore breathing; treat symptomatically; consult physician.
EYE: Flush immediately with large amounts of water for at least 15 minutes; take to a physician for medical treatment.
SKIN: Wash affected areas with soap and water. Remove contaminated clothing; consult physician if irritation persists.
INGESTION: DO NOT INDUCE VOMITING; consult physician or poison control center immediately; treat symptomatically.

SECTION VI - REACTIVITY DATA

REACTIVITY:	UNSTABLE		HAZARDOUS	WILL OCCUR	
	STABLE	X	POLYMERIZATION	WILL NOT OCCUR	X
CONDITIONS TO AVOID:		Heat, sparks, flames		Inadequate storage	
INCOMPATIBILITY (Materials to avoid): Nitric acid, sulfuric acid, strong oxidizing agents					
HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, if burned with insufficient air					

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Remove all sources of ignition (flames, hot surfaces, electric, static or friction sparks). Avoid breathing vapors. Ventilate area. Contain and remove with inert absorbent and non-sparking tools. Do not smoke when working with product. Do not pick up solution with automatic scrubber or wet pick-up vacuum.	
WASTE DISPOSAL METHOD: Dispose of in accordance with state or local regulations. EPA Hazardous Waste Classification: Ignitable Liquid. Incinerate in approved facility; do not incinerate closed container. Do not dispose of in storm drains or waterways.	

SECTION VIII - SAFE HANDLING AND USE INFORMATION

RESPIRATORY PROTECTION: In inadequately ventilated areas, use NIOSH approved organic cartridge respirator.	
VENTILATION: Mechanical (Spark proof) to keep below permissible level	EYE PROTECTION: Chemical splash goggles with side shields
PROTECTIVE GLOVES: Solvent resistant gloves	OTHER PROTECTION EQUIPMENT: Wear protective clothing and boots to avoid contact with skin. Refer to OSHA Standard 29 CER 1910.94 for technical guidelines on keeping air contamination below acceptable exposure limits.

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Keep container closed when not in use. Do not store at temperatures above 100°F. Store with adequate ventilation.	
OTHER PRECAUTIONS: "Empty" containers retain product residue (liquid and/or vapor) and can be dangerous. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND, OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION; THEY MAY EXPLODE AND CAUSE INJURY OR DEATH. Empty containers should be completely drained, properly bunged and promptly returned to a container reconditioner, or properly disposed of.	

SECTION X - SARA TITLE III SECTION 313 REPORTING INFORMATION

INGREDIENTS:	CAS #	% MAX	DE MINIMIS CONCENTRATION	REPORT. SPILL QUANTITY

SECTION XI - STATE & OSHA COMPOSITION INFORMATION

SECTION XII - REGULATORY INFORMATION

D.O.T.: HAZARD CLASS. COMBUSTIBLE LIQUID	PROPER SHIPPING NAME (MATERIAL DESCRIPTION) COMBUSTIBLE LIQUID N.O.S.	IDENTIFICATION NUMBER NA 1993
Transport, handle, and store in accordance with OSHA Regulation 29 CFR 1910.106 and applicable D.O.T. Regulations.		
TSCA: The solvent part of this product is listed on the TSCA Inventory as a UVCB (Unknown, Variable Composition or Biological)		
Chemical at CAS Registry Number 64742-88-7		

