

Material Safety Data Sheet

SPEC SILANE 100

SpecChem
 444 Richmond Ave.
 Kansas City, KS 66101

Phone: (866) 791-8700
 24 hour emergency contact: CHEMTREC (800) 424-9300

SECTION I	PRODUCT IDENTIFICATION		
Trade Name	SpecSilane 100		
Chemical Family			
NFPA Ratings (Hazard ID)	Health – 2	Fire – 2	Reactivity - 0
HMIS Ratings (Hazard ID)	Health – *2	Fire – 2	Reactivity - 0
WARNING! Irritant to skin, eyes. May be fatal if ingested or overexposed. Harmful to lungs, central nervous system, mucous membrane, possibly blood, kidneys, liver and reproductive system. Spill may create slipping hazard.			

SECTION II	INGREDIENTS, LIMITS AND TOXICOLOGICAL INFORMATION		
INGREDIENT	Alkylalkoxsilane		
CAS#	N/A		
ACGIH TLV/TWA			
ACGIH TLV/STEL			
LD50, Oral			
LD50, Dermal			
LD50, Inhalation			
PCT by weight	100%		

SECTION III	PHYSICAL DATA		
Physical State	Liquid	Specific Gravity	.82
Appearance	According to product specification	VOC, Calculated	< 600 g/L.
Odor	Characteristic	pH	N/A
Boiling Range	> 35°C (>95°F)	Freezing Point	
Vapor Pressure	1.7	Water Solubility	Not miscible or difficult to mix

SECTION IV	FIRE & EXPLOSION HAZARD DATA
Lowest closed cup flashpoint	
OSHA flammability classification	
Lower flammable limit in air	1.1 Vol %
Flash points	41°C (106°F)
Mechanical impact explosion	
Static electricity explosion	PROTECT AGAINST ELECTROSTATIC CHARGES
Extinguishing media	CO2, SAND, EXTINGUISHING POWDER – DO NOT USE WATER
UNUSUAL FIRE & EXPLOSION HAZARDS: KEEP IGNITION SOURCES AWAY – DO NOT SMOKE. PRODUCT IS NOT EXPLOSIVE, HOWEVER FORMATION OF EXPLOSIVE AIR/VAPOR MIXTURES ARE POSSIBLE.	
SPECIAL FIRE FIGHTING PROCEDURES: DO NOT USE WATER. BECAUSE FIRE MY PRODUCE THERMAL DECOMPOSITION PRODUCTS, WEAR A SELF CONTAINED BREATHING APPARATUS (SCBA) WITH A FULL FACE PIECE OPERATED IN PRESSURE-DEMAND OR POSITIVE-PRESSURE MODE.	

SECTION V	HEALTH HAZARD DATA - Effects of overexposure – primary routes of entry		
Primary Routes of Entry	<input checked="" type="checkbox"/> Inhalation	<input checked="" type="checkbox"/> Skin	<input checked="" type="checkbox"/> Ingestion
Inhalation: SUPPLY FRESH AIR; CONSULT DOCTOR IN CASE OF COMPLAINTS.			
Ingestion: IF SYMPTOMS PERSIST, CONSULT DOCTOR.			
Medical conditions that may be aggravated by exposure to this product:			
Emergency & First Aid procedures: IN CASE OF EYE CONTACT, RINSE OPENED EYE FOR SEVERAL MINUTES UNDER RUNNING WATER, IF SYMPTOMS PERSIST CONSULT A DOCTOR. IN CASE OF SKIN CONTACT, IMMEDIATELY WASH WITH SOAP AND RINSE THOROUGHLY. IF SKIN IRRITATION CONTINUES, CONSULT A DOCTOR.			
Other health hazards:			

SECTION VI	REACTIVITY DATA
Stability: N/A	
Conditions to avoid: N/A	
Incompatibility (material to avoid) : N/A	
Hazardous decomposition products: N/A	

SECTION VII	SPILL OR LEAK PROCEDURES
Steps to be taken in case material is released or spilled: WEAR PROTECTIVE EQUIPMENT. KEEP UNPROTECTED PERSONS AWAY. DO NOT ALLOW TO REACH SEWAGE SYSTEM OR ANY WATER COURSE. INFORM RESPECTIVE AUTHORITIES IN CASE OF SEEPAGE INTO WATER COURSE OR SEWAGE SYSTEM. DO NOT ALLOW TO ENTER SEWERS / SURFACE OR GROUND WATER. ABSORB WITH LIQUID BINDING MATERIAL (SAND, DIATOMITE, ACID BINDERS, UNIVERSAL BINDERS, SAWDUST). DO NOT FLUSH WITH WATER OR AQUEOUS CLEANSING AGENTS.	
Waste disposal method: MUST NOT BE DISPOSED OF AS NORMAL GARBAGE. DISPOSAL MUST BE MADE ACCORDING TO FEDERAL, STATE AND LOCAL REGULATIONS.	

SECTION VIII	SPECIAL PROTECTION INFORMATION
Respiratory Protection: IN CASE OF BRIEF EXPOSURE OR LOW POLLUTION, USE RESPIRATORY FILTER DEVICE. IN CASE OF INTENSIVE OR LONGER EXPOSURE, USE RESPIRATORY PROTECTIVE DEVICE THAT IS INDEPENDENT OF CIRCULATING AIR.	
Ventilation:	
Protective gloves: THE GLOVE MATERIAL HAS TO BE IMPERMEABLE AND RESISTANT TO THE PRODUCT. DUE TO MISSING TESTS, NO RECOMMENDATION TO THE GLOVE MATERIAL CAN BE GIVEN FOR THIS PRODUCT. SELECT GLOVE MATERIAL UPON CONSIDERATION OF THE PENETRATION TIMES, RATES OF DIFFUSION AND THE DEGRADATION.	
Eye protection: TIGHTLY SEALED GOGGLES	
Other protective equipment:	

SECTION IX	SPECIAL PRECAUTIONS
Precautions to be taken in handling & storage: KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDSTUFFS. WHEN USING DO NOT EAT OR DRINK. KEEP IN A COOL PLACE. KEEP OUT OF THE REACH OF CHILDREN.	
Other precautions: NOT RECOMMENDED FOR INTERIOR USE ON LARGE SURFACE AREAS. HARMFUL TO FISH. WATER HAZARD CLASS 3 (SELF-ASSESSMENT):EXTREMELY HAZARDOUS FOR WATER. DO NOT ALLOW PRODUCT TO REACH GROUND WATER, WATER COURSE OR SEWAGE SYSTEM, EVEN IN SMALL QUANTITIES. DANGER TO DRINKING WATER IF EVEN SMALL QUANTITIES LEAK INTO GROUND. HARMFUL TO AQUATIC ORGANISMS.	

SECTION X	SARA TITLE III INFORMATION			
<i>This product contains the following substances subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:</i>				
NAME	1,2,4-trimethylbenzene	Methanol		
CAS#	95-63-6	67-56-1		
PC. WEIGHT	≤ 5%	≤ 2.5%		

SECTION XI		D.O.T. REGULATIONS (TRANSPORTATION)
Hazard class	3	
ID number	UN1268	
Packing group	III	
Proper shipping name	PETROLEUM DISTILLATES, N.O.S.	
Label	3	
US Domestic Ground Shipments	Combustible liquids n.o.s. (Petroleum Distillates), NA1993, PG III	
US Domestic Ground Shipments non-bulk (in containers 119 gallons or less)	Not regulated by D.O.T.	
Cross Border Transport (ADR/RID)		
ADR/RID Class	3 Flammable Liquids	
Danger Code (Kemler)	30	
UN Number	1268	
Packing Group	III	
Description	1268 PETROLEUM DISTILLATES, N.O.S. (TURPENTINE SUBSTITUTE, METHANOL)	
Marine Transport (IMDG)		
IMDG Class	3	
UN Number	1268	
Label	3	
Packing Group	III	
EMS Number	F-E, S-E	
Marine Pollutant	No	
Proper Shipping Name	PETROLEUM DISTILLATES, N.O.S.	
Air Transport (ICAO-TI and IATA-DGR)		
ICAO/IATA Class	3	
UN Number	1268	
Label	3	
Packing Group	III	
Proper Shipping Name	PETROLEUM DISTILLATES, N.O.S.	

DISCLAIMER AND LIMITATION OF LIABILITY

The information presented herein has been compiled from sources considered to be dependable and is accurate to the best of the knowledge of SpecChem; however, SpecChem makes no warranty whatsoever, expressed or implied, of MERCHANTABILITY or FITNESS FOR THE PARTICULAR PURPOSE, regarding the accuracy of such data or the results to be obtained from the use thereof. SpecChem assumes no responsibility for injury to recipient, to third persons or to any property. Recipient assumes all risk.