Material Safety Data Sheet

SPECSILANE 100

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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	☑ Inhalation	☑ Skin	☑ 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			
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:				
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.*

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