

TRIS(VINYLDIMETHYLSILOXY)METHYLSILANE, 95%

Safety Data Sheet SIT8725.0 Date of issue: 12/21/2015 Version: 1.0

Enabling Your Technology			
SECTION 1: Identification of the sul	ostance/mixture and of the	company/undertaking	
1.1. Product identifier			
Product form	: Substance		
Physical state	: Liquid		
Substance name	: TRIS(VINYLDIMETHYLSILOX	Y)METHYLSILANE, 95%	
Product code	: SIT8725.0	,	
Formula	: C13H30O3Si4		
Synonyms	: METHYLTRIS(ETHENYLDIME 1,1,3,5,5-PENTAMETHYL-1,5 [(ETHENYLDIMETHYLSILYL)	DIVINYLTRISÍLOXANÉ; TRIS	SILOXANE, 1,5-DIETHÉNYL-3-
Chemical family	: ORGANOSILOXANE	• • • • •	
1.2. Relevant identified uses of the sub	stance or mixture and uses advis	ed against	
Use of the substance/mixture	: Chemical intermediate For research and industrial use	eonly	
1.3. Details of the supplier of the safety	data sheet		
GELEST, INC. 11 East Steel Road Morrisville, PA 19067 USA T 215-547-1015 - F 215-547-2484 - (M-F): 8:00 info@gelest.com	AM - 5:30 PM EST		
1.4. Emergency telephone number			
Emergency number	: CHEMTREC: 1-800-424-9300	(USA); +1 703-527-3887 (Inte	ernational)
SECTION 2: Hazards identification			
2.1. Classification of the substance or I	nixture		
GHS-US classification			
Not classified 2.2. Label elements			
GHS-US labeling			
No labeling applicable			
2.3. Other hazards			
No additional information available			
2.4. Unknown acute toxicity (GHS US) No data available			
SECTION 3: Composition/Information	on on ingredients		
3.1. Substance			
Substance type	: Mono-constituent		
Name	: TRIS(VINYLDIMETHYLSILOX	Y)METHYLSILANE, 95%	
CAS No	: 60111-52-6		
EC no	: 262-060-6		
Name	Product identifier	%	GHS-US classification
Tris(vinyldimethylsiloxy)methylsilane	(CAS No) 60111-52-6	95 - 100	Not classified
3.2. Mixture			
Not applicable			
SECTION 4: First aid measures			
4.1. Description of first aid measures			
First-aid measures general	: Remove contaminated clothing medical advice immediately (s available show packaging or la	now the label where possible).	nt or if you feel unwell, seek If possible show this sheet; if not
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First-aid measures after inhalation	 Remove victim to fresh air and keep at rest in a position comfortable for breathing. If you feel unwell, seek medical advice.
First-aid measures after skin contact	: Wash with plenty of soap and water. Get medical advice/attention.
First-aid measures after eye contact	: Immediately flush eyes thoroughly with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical advice/attention.
First-aid measures after ingestion	: Never give anything by mouth to an unconscious person. Get medical advice/attention.
4.2. Most important symptoms and ef	fects, both acute and delayed
Symptoms/injuries after inhalation	: May cause irritation to the respiratory tract.
Symptoms/injuries after skin contact	: May cause skin irritation.
Symptoms/injuries after eye contact	: May cause eye irritation.
Symptoms/injuries after ingestion	: No information available.
4.3. Indication of any immediate med	ical attention and special treatment needed
No additional information available	
SECTION 5: Firefighting measures	
5.1. Extinguishing media	
Suitable extinguishing media	: Water spray. Water fog. Foam. Carbon dioxide. Dry chemical.
Unsuitable extinguishing media	: None known.
5.2. Special hazards arising from the	
Fire hazard	: Irritating fumes and organic acid vapors may develop when material is exposed to elevated
	temperatures or open flame.
5.3. Advice for firefighters	
Firefighting instructions	 Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed containers.
Protection during firefighting	: Do not enter fire area without proper protective equipment, including respiratory protection. Avoid all eye and skin contact and do not breathe vapor and mist.
SECTION 6: Accidental release me	easures
6.1. Personal precautions, protective	equipment and emergency procedures
6.1.1. For non-emergency personnel	
Protective equipment	: Wear protective equipment as described in Section 8.
Emergency procedures	: Evacuate unnecessary personnel.
6.1.2. For emergency responders	
Protective equipment	: Do not attempt to take action without suitable protective equipment. Equip cleanup crew with proper protection. For further information refer to section 8: "Exposure controls/personal protection".
6.2. Environmental precautions	
Prevent entry to sewers and public waters. No	otify authorities if liquid enters sewers or public waters.
6.3. Methods and material for contain	ment and cleaning up
For containment	 Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.
Methods for cleaning up	: Clean up any spills as soon as possible, using an absorbent material to collect it. Sweep or shovel spills into appropriate container for disposal.
6.4. Reference to other sections	
See Heading 8. Exposure controls and person	nal protection.
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SECTION 7: Handling and storage 7.1. Precautions for safe handling	
Precautions for safe handling	: Avoid all eye and skin contact and do not breathe vapor and mist. Use only in well ventilated
-	areas.
Hygiene measures	: Wash contaminated clothing before reuse. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.
7.2. Conditions for safe storage, inclu	Iding any incompatibilities
Storage conditions	: Keep container tightly closed.
Incompatible materials	: Oxidizing agent.
Storage area	: Store in a well-ventilated place. Store away from heat.
7.3. Specific end use(s)	
No additional information available	

No additional information available

TRIS(VINYLDIMETHYLSILOXY)METHYLSILANE, 95% Safety Data Sheet

8.1 Control parameters No additional information available 8.2 Exposure controls Appropriate engineing controls Provide local oxhaust or general room ventilation. Personal protective equipment : Avaid all unneessans generat. Emergency eye wash fourtains and safety showers should Hand protection : Neaprene or initie rubber gloves. Eye protection : Ohernical goggles. Contact lenses should not be worn. Sha md body protection : Ware autable protective dorling. Respiratory protection : Ware autable protective dorling. State and body protection : Uquid Appearance : Liquid Appearance : Liquid Appearance : Gen riquid. Meeduar mass : 346.72 g/mdl Color : No data available Color : No data available Relative exoporation rate (buty) acetate=1) : No data available Color or : No data available Preacting point : No data avai	SECTION 8: Exposure controls/per	
B2.2 Exposure controls Personal protective equipment Provide local exhaust or general room ventilation. Personal protective equipment Avaitable in the immediate vicinity of any potential exposure. Hand protection I. Neoprene or intrile rubber gloves. Skin and body protection Chemical protective clothing. Skin and body protection Ware suitable in the immediate vicinity of any potential exposure. Stin and body protection Ware suitable protective clothing. Stin and body protection Ware suitable protective clothing. Stin and body protection Ware suitable protective clothing. Stin and body protection on basic physical and chemical properties Stin and protective exposure through helafalico may accur from use, respirator. Stin formation on basic physical and chemical properties Stin and protective exposure through helafalico may basic physical and chemical properties Physical state I. characteristic. Mild. Odor in two data available I. At 449 Physical and body accitation in the subtrave evaluation in the table in the subtrave evaluation in the s		
Appropriate angineering controls : Provide local avbaaut or general room ventilation. Personal protective equipment : Avoide local avbaaut or general room ventilation. Hand protection : Neeprene or nitrile nubber gloves. Eve protection : Ohernical opgdes. Contract lenses should not be worn. Stan and body protection : Where exposure through nubbalian may occur from use, respiratory pretention equipment is momende. Respiratory protection : Utarie exposure through nubbalian may occur from use, respiratory pretention. Stan and body protection : Utarie exposure through nubbalian may occur from use, respiratory pretention. Stan and body protection : Utarie exposure through nubbalian may occur from use, respiratory pretention. Stand Tody protection : Utarie exposure through nubbalian may occur from use, respiratory pretention. Stand Dody protection : Utarie exposure through nubbalian may occur from use, respiratory pretention. Stand Dody protection : Utarie exposure through nubbalian may occur from use, respiratory pretention. Stand Dody protection : Utarie exposure through nubbalian may occur from use, respiratory pretention. Stand Dody protection : Utarie exposure through nubbalian may occur from use, respiratory pretention. Stand Dody pretention : Dod ata available Other information on basic physical and chemica		
Presonal protective equipment : Avoid all unnecessary exposure. Emergency eye wash fournains and safety showers should and protection Hand protection : Neoprene or initile nubber gloves. Eye protection : Chemical goggles. Contact tenses should not be worn. Skin and body protection : Were subtable in the inverse should not be worn. Skin and body protection : Where aposute through inhalation may occur from use, respiratory protection equipment is recommended. NICOH central or opport (Skin Cartridge) respirator. SECTION 9: Physical and chemical properties Physical state Physical state : Liquid Appearance : Or Git liquid. Molecular mass : a 346.72 gmol Color : No data available Retrictive index : 1444 PH : No data available Retrictive index : 1444 PH : No data available Retrictive index : 1444 PH : No data available Retrictive index : 14448 PH : No data available Retrictive index : 1448 PH : No data available Retrictive index (g gas) : No data available No data available		. Drevide level autout as negative usual terms usualitation
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recommended. NIOSH-certified organic vapor (black cartridge) respirator. SECTION 9: Physical and chemical properties Physical state		
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Stable. 10.3. Possibility of hazardous reactions Hazardous polymerization may occur if heated above 150°C. 10.4. Conditions to avoid Heat. Open flame. Sparks. 10.5. Incompatible materials	No additional information available	
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	10.5. Incompatible materials	

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Organic acid vapors. Silicon dioxide.	
SECTION 11: Toxicological informat	tion
11.1. Information on toxicological effects	
Acute toxicity	: Not classified
Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Not classified
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
Specific target organ toxicity (single exposure)	: Not classified
Specific target organ toxicity (repeated exposure)	: Not classified
Aspiration hazard	: Not classified
Symptoms/injuries after inhalation	: May cause irritation to the respiratory tract.
Symptoms/injuries after skin contact	: May cause skin irritation.
Symptoms/injuries after eye contact	: May cause eye irritation.
Symptoms/injuries after ingestion	: No information available.
SECTION 12: Ecological information	
12.1. Toxicity No additional information available	
12.2. Persistence and degradability	
No additional information available	
12.3. Bioaccumulative potential	
No additional information available	
12.4. Mobility in soil	
No additional information available	
12.5. Other adverse effects	
Effect on ozone layer	: No additional information available
Effect on the global warming	: No known ecological damage caused by this product.
SECTION 13: Disposal consideration	ns
13.1. Waste treatment methods	
Sewage disposal recommendations	: Do not dispose of waste into sewer.
Waste disposal recommendations	 Do not dispose of waste into sever. Incinerate. Dispose in a safe manner in accordance with local/national regulations.
Ecology - waste materials	: Avoid release to the environment.
Looigy waste materials	
SECTION 14: Transport information	
14.1. UN number	
Not regulated for transport.	
14.2. UN proper shipping name	
Not applicable	
14.3. Additional information	
Other information	: No supplementary information available.
Transport by sea	
Transport by sea No additional information available	

Air transport

No additional information available

TRIS(VINYLDIMETHYLSILOXY)METHYLSILANE, 95%

Safety Data Sheet

2-6) emption in accordance with 40 CFR 723.50(c)(1).,This LVE limits site of
his substance to Gelest, Inc.unless otherwise approved by U.S. EPA.
ct) inventory

Listed on the AICS (Australian Inventory of Chemical Substances) Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory

15.3. US State regulations

TRIS(VINYLDIMETHYLSI	LOXY)METHYLSILANE, 95	% (601 1	11-52-6)		
U.S California - Proposit	ion 65 - Carcinogens List	No			
U.S California - Proposit Toxicity	ion 65 - Developmental	No			
U.S California - Proposit Toxicity - Female	ion 65 - Reproductive	No			
U.S California - Proposit Toxicity - Male	ion 65 - Reproductive	No			
Tris(vinyldimethylsiloxy)	methylsilane (60111-52-6)				
U.S California -	U.S California -	U	I.S California -	U.S California -	Non-significant risk level

U.S California - Proposition 65 - Carcinogens List	U.S California - Proposition 65 - Developmental Toxicity	U.S California - Proposition 65 - Reproductive Toxicity - Female	U.S California - Proposition 65 - Reproductive Toxicity - Male	Non-significant risk level (NSRL)
No	No	No	No	

SECTION 16: Other infor	mation
Abbreviations and acronyms	: Abbreviations: ND: Not Determined, No Data; NA: Not Applicable; LD: Lethal Dose; LC: Lethal Concentration; ATE: Acute Toxicity Estimates; H: hour; °: °C unless otherwise stated; mm: millimeters Hg, torr; PEL: permissible exposure level; TWA: time weighted average; TLV: threshold limit value; TG: Test Guideline; NIOSH: National Institute for Occupational Safety and Health; IARC: International Agency for Research on Cancer; NTP: National Toxicology Program; HMIS: Hazardous Material Information System; CAS No.: Chemcial Abstract Service Registration Number; EC No.: European Commission Registration Number; EC Index No.: European Commission Index Number; OECD: The Organisation for Economic Co-operation

HMIS III Rating

Flammability

Health

Physical

: 2 Moderate Hazard - Temporary or minor injury may occur

- : 1 Slight Hazard
- : 0 Minimal Hazard

and Development.

Prepared by safety and environmental affairs.

Date of issue: 12/21/2015 Version: 1.0

SDS US (GHS HazCom 2012) - Custom

According to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

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