

#### (HYDROXYETHYLENEOXYPROPYLMETHYLSILOXANE)-(3,4-DIMETHOXYPHENYLPROPYL)METHYLSILOXANE-DIMETHYLSILOXANE TERPOLYMER

Safety Data Sheet CMS-832 Date of issue: 10/30/2014 Version: 1.0

SECTION 1: Identification of the substance	e/mixture and of the company/unde	rtaking	
1.1. Product identifier			
Product form : Sub	ostance		
Physical state : Liqu	uid		
	DROXYETHYLENEOXYPROPYLMETHYLSILC IETHOXYPHENYLPROPYL)METHYLSILOXAN		
Product code : CM	S-832		
Synonyms : POI	LY(DIMETHYLSILOXANE), HYDROXYETHYLE	NE OXID	E MODIFIED
Chemical family : OR	GANOSILOXANE		
1.2. Relevant identified uses of the substance of	r mixture and uses advised against		
	emical intermediate research and industrial use only		
1.3. Details of the supplier of the safety data sh	eet		
GELEST, INC. 11 East Steel Road Morrisville, PA 19067 USA 2 245 547 2015 E 245 547 2484 (ME): 9:00 AM			
T 215-547-1015 - F 215-547-2484 - (M-F): 8:00 AM - 5:3 info@gelest.com - www.gelest.com	OPMEST		
1.4. Emergency telephone number	EMTREC: 1-800-424-9300 (USA); +1 703-527-3	007 (Into	rnational
Emergency number : CHE	EMTREC. 1-600-424-9300 (USA), +1 703-527-3		mational)
SECTION 2: Hazards identification			
2.1. Classification of the substance or mixture			
Classification (GHS-US)			
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 i	ngredients		
3.1. Substance			
Substance type : Poly	vmer		
Name : (HY	DROXYETHYLENEOXYPROPYLMETHYLSILC IETHOXYPHENYLPROPYL)METHYLSILOXAN		
CAS No : 200	443-93-2		
Name	Product identifier	%	Classification (GHS-US)
(Hydroxyethyleneoxypropylmethylsiloxane)-(3,4- dimethoxyphenylpropyl)methylsiloxane-dimethylsiloxane terpolymer	(CAS No) 200443-93-2	> 90	Not classified
Polyethylene oxide monoallyl ether	(CAS No) 27274-31-3	< 10	Not classified
Poly(oxy-1,2-ethanediyl), a-1-propen-1-yl-w-hydroxy	(CAS No) 191403-44-8	< 5	Not classified

3.2. Mixture

Not applicable

SECTION 4: First aid measures	
4.1. Description of first aid measures	
	Remove contaminated clothing and shoes. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). If possible show this sheet; if not available show packaging or label.
First-aid measures after inhalation :	Remove 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.
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 effects	
, ,	No information available.
Symptoms/injuries after skin contact :	May cause skin irritation.
Symptoms/injuries after eye contact :	May cause eye irritation.
Symptoms/injuries after ingestion :	May be harmful if swallowed.
4.3. Indication of any immediate medical a	ttention and special treatment needed
No additional information available	
SECTION 5: Firefighting measures	
5.1. Extinguishing media	
	Water spray. Water fog. Foam. Carbon dioxide. Dry chemical.
5.2. Special hazards arising from the subs	
Fire hazard	Irritating fumes and organic acid vapors may develop when material is exposed to elevated
The hazard	temperatures or open flame.
5.3. Advice for firefighters	
Firefighting instructions :	Use water spray or fog for cooling exposed containers. Exercise caution when fighting any
	chemical fire.
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 measu	res
6.1. Personal precautions, protective equip	oment and emergency procedures
6.1.1. For non-emergency personnel	
Emergency procedures :	Evacuate unnecessary personnel.
6.1.2. For emergency responders	
Protective equipment :	Equip cleanup crew with proper protection.
6.2. Environmental precautions	
Prevent entry to sewers and public waters. Notify a	uthorities if liquid enters sewers or public waters.
6.3. Methods and material for containment	and cleaning up
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 personal pro-	otection.
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.
Hygiene measures :	Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Wash contaminated clothing before reuse.
7.2. Conditions for safe storage, including	any incompatibilities
	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	
SECTION 8: Exposure controls/per	sonal protection
8.1. Control parameters	
No additional information available	
8.2. Exposure controls	
Appropriate engineering controls	: Provide local exhaust or general room ventilation.
Personal protective equipment	: Avoid all unnecessary exposure. Emergency eye wash fountains and safety showers should be
	available in the immediate vicinity of any potential exposure.
Hand protection	: Neoprene or nitrile rubber gloves.
Eye protection	: Chemical goggles. Contact lenses should not be worn.
Skin and body protection	: Wear suitable protective clothing.
Respiratory protection	: Where exposure through inhalation may occur from use, respiratory protection equipment is recommended. NIOSH-certified organic vapor (black cartridge) respirator.
<b>SECTION 9: Physical and chemical</b>	properties
9.1. Information on basic physical and	
Physical state	: Liquid
Appearance	: Clear liquid.
Molecular mass	: 2000 - 5000 g/mol
Color	: No data available
Odor	: No data available
Odor threshold	: No data available
Refractive index	: 1.505
рН	: No data available
Relative evaporation rate (butyl acetate=1)	: No data available
Melting point	: <0°C
Freezing point	: No data available
Boiling point	: > 205 °C
Flash point	: 163 °C
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapor pressure	: <1 mm Hg
Relative vapor density at 20 °C	: >1
Relative density	: 1.09
VOC content	: <5%
Solubility	: Insoluble in water.
Log Pow	: No data available
Log Kow	: No data available
Viscosity, kinematic	: 1000 - 2000 cSt
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available
Explosive limits	: No data available
9.2. Other information	
No additional information available	
SECTION 10: Stability and reactivit	V
10.1. Reactivity	
No additional information available	
10.2. Chemical stability	
Total Onemical Stability	

le additional information available           04.         Conditions to avail           04.         Conditions to avail           05.         Incompatible materials           Xidding agent.         0.0.           06.         Nazardous decomposition products           Sprain calid vapors. Silcon dioxide.         Conditions to available           CECTION 11: Toxicological information         1.           1.1.         Information on toxicological offects         Conditions to available           Schoorspray on the condition on toxicological offects         Conditions on toxicological offects           Schoorspray on this         Not classified         Conditions on the condition of the conditional information           Schoorspray on this enstitution         Not classified         Conditional information available           Schoorspray on toxicity (single exposure)         Not classified         Conditional information available           Specific target organ toxicity (single exposure)         Not classified         Symptomisinglumes after single conduction toxicity (single exposure)           Specific target organ toxicity (single exposure)         Not classified         Symptomisinglumes after single contact           Specific target organ toxicity (specific to information available         Not classified         Symptomisinglumes after single contact           Specific target organ toxicity (specific to information avail		
0.4. Conditions to avoid         text. Open Itame. Sparks.         0.5. Incomposition motivals         Didding agent.         0.6. Interactions decomposition products         Data and account of the standard state of the		
leat. Open fiame. Sparks.	No additional information available	
0.5. Incompatible materials bydating agent. 0.6. Heardous decomposition produes byganic acid vapors. Silicon dioxide.  SECTION 111 Toxicological information 11. Information on toxicological information 12.50 oral rat 2.000 mg/g Skin consison/infation 12.50 oral rat 13.50 oral rat 13	10.4. Conditions to avoid	
bidizing agent.	Heat. Open flame. Sparks.	
0.6.       Hazardous decomposition products         Typanic and vapors. Silicon dioxide.         SECTION 111 Toxicological information         1.1.       Information on toxicological information         1.1.       Information on toxicological information         Sinico sycid amaginitation       : Not classified         Sinico sycid amaginitation       : Not classified         Gene cell mutageointation       : Not classified         Specific traget organ toxicity (single exposure)       : Not classified         Symptoms/numes after inhalation       : Not information available.         Symptoms/numes after inhalation       : Not information available.         Symptoms/numes after ingestion       : May cause sen infraion.         Symptoms/numes after ingestion       : May cause sen infraion.         Symptoms/numes after ingestion       : May cause sen infraion.         Sy	10.5. Incompatible materials	
Arganic acid vapors. Silicon dioxide.   SECTION 111: Toxicological information   Cute toxicity : Not classified   (Hydroxyethyleneoxypropylmethylsiloxane) (3, 4-dimethoxyphenylpropylynethylsiloxane terpolymer (200443-93-2)   LSD oral rat > 2000 mg/k   Sin corresion/initiation : Not classified   Serious eye damage/initiation : Not classified   Germ call mutagenicity : Not classified   Carcinogenicity : Not classified   Carcinogenicity : Not classified   Specific torget organ toxicity (single exposure) : Not classified   opporting torget toxicity : Not classified   xposure : May cause exposure   2.1 Toxicity   co additional information available <	Oxidizing agent.	
Arganic acid vapors. Silicon dioxide.   SECTION 11: Toxicological information   1.1. Information on toxicological effects   cute toxicity : Not classified   (Hydroxyethyleneoxyropylmethylsiloxane-(3,4-dimethoxyphenylpropylynethylsiloxane-tempolymer (20043-93-2)   LSD5 oral rat > 2000 mg/n   Skin corresion/inflation : Not classified   Serious eye damage/inflation : Not classified   Carcinogenicity : Not classified   Carcinogenicity : Not classified   Carcinogenicity : Not classified   Leporductive toxicity : Not classified   operity : Not classified   operity in target organ toxicity (single exposure) : Not classified   opproductive toxicity : May cause eye intritation.   opproductive after eye contal	10.6. Hazardous decomposition products	
1.1. Information on toxicological effects         cute toxicity       : Not classified         (Hydroxyethylenoxypropylmethylsiloxane)       > 2000 my/kg         Skin corrosion/inflation       : Not classified         Respiratory or skin sensitization       : Not classified         Gern cell mutageneinty       : Not classified         Carcinogenicity       : Not classified         Carcinogenicity       : Not classified         Carcinogenicity       : Not classified         Carcinogenicity       : Not classified         Specific target organ toxicity (repeated       : Not classified         specific target organ toxicity (repeated       : Not classified         specific target organ toxicity (repeated       : Not classified         symptoms/injuries after inflation       : Not classified         symptoms/injuries after inflation       : Mot classified         symptoms/injuries after ingestion       : May cause ey initiation.         symptoms/injuries after ingestion       : May cause ey initiation.         symptoms/injuries after ingestion       : May cause ey initiation.         symptoms/injuries after ey contaci       : May cause ey initiation.         symptoms/injuries after ey contaci       : May cause ey initiation.         so additional information available       :	Organic acid vapors. Silicon dioxide.	
1.1. Information on toxicological effects         cute toxicity       : Not classified         (Hydroxyethylenoxypropylmethylsiloxane)       > 2000 mg/kg         Skin corrosion/initation       : Not classified         Respiratory or skin sensitzation       : Not classified         Gern cell mutageneinty       : Not classified         Carcinogenicity       : Not classified         Carcinogenicity       : Not classified         Carcinogenicity       : Not classified         Carcinogenicity       : Not classified         Specific target organ toxicity (repeated       : Not classified         specific target organ toxicity (repeated       : Not classified         specific target organ toxicity (repeated       : Not classified         symptoms/injuries after induction       : Not classified         symptoms/injuries after induction       : Mot classified         symptoms/injuries after induction       : Mot classified         symptoms/injuries after induction       : Mot classified         starget site induction       : Mot classified         starget site induction available       :         22.1. Toxicity       : So information available         23. Bioaccumulative potential       :         starditional information available       : <t< td=""><td>SECTION 11: Toxicological informat</td><td>ion</td></t<>	SECTION 11: Toxicological informat	ion
cute toxicity       i. Not classified         (Hydroxyethydenocypropydmethylsiloxane)(3,4-dimethoxybenydpropyd)methylsiloxane-dimethylsiloxane terpolymer (200443-93-2)         D50 oral rat       i. Not classified         Skin corrosion/irritation       i. Not classified         Serious eye damage/irritation       i. Not classified         Germ cell mutagenicity       i. Not classified         Carcinogenicity       i. Not classified         geroductive toxicity       i. Not classified         sporturion       i. Not classified         sporturion Inbazard       i. Not classified         symptoms/injuries after injeation       i. Not classified         symptoms/injuries after injeation       i. Not classified         symptoms/injuries after injeation       i. Not information available.         2.1.       Toxicity       i. Not information available.         2.2.       Persistence and degradability       i. May cause eye irritation.         is additional information available       2.3.       Bioaccumulative potential         is additional information available       2.4.       Mobility in soil         is additional		
(Hydroxythytenexypropylmethylsiloxane) (3.4-dimethoxyphenylpropyl)methylsiloxane-dimethylsiloxane terpolymer (200443-93-2)         LD50 oral rat       > 2000 mg/kg         Skin corrosin/infration       : Not classified         Serious eye damage/infration       : Not classified         Gern cell mudagenicity       : Not classified         Specific target organ toxicity (repeated       : Not classified         specific target organ toxicity (repeated       : Not classified         symptoms/injuries after inhalation       : Not classified         symptoms/injuries after inhalation       : Not classified         symptoms/injuries after inhalation       : Mot classified         symptoms/injuries after inhalation       : May cause skin initiation.         symptoms/injuries after inhalation		
LD50 oral rat       > 2000 mg/kg         Skin corrosion/initiation       : Not classified         Respiratory or skin sensitization       : Not classified         Gern cell mutagenicity       : Not classified         Carcinogenicity       : Not classified         Gern cell mutagenicity       : Not classified         Carcinogenicity       : Not classified         Specific target organ toxicity (repeated specific target organ toxicity)         2.1       Toxicity		
Skin corrosion/irritation <ul> <li>Not classified</li> <li>Serious yee damage/irritation</li> <li>Not classified</li> <li>Respiratory or skin sensitization</li> <li>Not classified</li> <li>Carcinogenicity</li> <li>Not classified</li> <li>Carcinogenicity</li> <li>Not classified</li> <li>Serious yee damage/irritation</li> <li>Not classified</li> <li>Carcinogenicity</li> <li>Not classified</li> <li>Serious yee damage/irritation</li> <li>Not classified</li> <li>Serious yee yee damage/irritation</li> <li>Not classified</li> <li>Serious yee yee damage/irritation</li> <li>Not classified</li> <li>Serious yee yee damage/irritation</li> <li>Not classified</li> <li>Not classified</li></ul>		
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Gern cell mutagenicity       i. Not classified         Carcinogenicity       i. Not classified         Reproductive toxicity       ii. Not classified         Reproductive toxicity (single exposure)       i. Not classified         specific target organ toxicity (repeated)       i. Not classified         symptoms/injuries after skin contact       i. May cause skin initiation.         symptoms/injuries after symptoms/inju	Serious eye damage/irritation	: Not classified
Carcinogenicity i Not classified teproductive toxicity in Solid carget organ toxicity (single exposure) i Not classified ispecific target organ toxicity (repeated i Not classified ispecific target organ toxicity i Not classified is additional information available 2.2. Persistence and degradability is additional information available 2.3. Bioaccumulative potential is additional information available 2.4. Mobility in soil is daditional information available 2.5. Other adverse effects iffect on ozone layer i No additional information available iffect on ozone layer i No additional information available 3.1. Waste treatment methods Vaste disposal recommendations i No known ecological damage caused by this product. ECTION 14: Transport information is Avoid release to the environment. ECTION 14: Transport information is Avoid release to the environment. ECTION 14: Transport information is Avoid release to the environment. 4.1. UN number bioregulated for transport. 4.2. UN proper shipping name	Respiratory or skin sensitization	: Not classified
Reproductive toxicity       i. Not classified         specific target organ toxicity (single exposure)       i. Not classified         specific target organ toxicity (repeated       i. Not classified         specific target organ toxicity (repeated       i. Not classified         spintation hazard       i. Not classified         spintation hazard       i. Not classified         symptoms/injuries after inhalation       i. Not information available.         symptoms/injuries after is per contact       i. May cause eye irritation.         symptoms/injuries after ingestion       i. May be harmful if swallowed.         Section 11       formation available       i. May be harmful if swallowed.         2.1.       Toxicity       kadditional information available       i. May be harmful if swallowed.         2.3.       Bioaccumulative potential       ko additional information available       i. Mobility in soil         ko additional information available       i. No known eco	Germ cell mutagenicity	
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xposure)       Indicates the state inhalation       Invit of t	Specific target organ toxicity (single exposure)	: Not classified
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symptoms/injuries after inhalation : No information available.   symptoms/injuries after skin contact : May cause skin irritation.   symptoms/injuries after skin contact : May cause eye irritation.   symptoms/injuries after skin contact : May cause eye irritation.   symptoms/injuries after reve contact : May be harmful if swallowed.   Symptoms/injuries after reve contact : May be harmful if swallowed.   Sectorion 12: Ecological information : May be harmful if swallowed.   2.1. Toxicity Ko additional information available :   2.2. Persistence and degradability Ko additional information available   2.3. Bioaccumulative potential Ko additional information available   2.4. Mobility in soil Ko additional information available   2.5. Other adverse effects :   Effect on cone layer :   Kiffect on cone layer :   Xoste treatment methods   Xaste disposal considerations   3.1. Waste treatment methods   Vaste disposal recommendations   : :   : :   Koid release to the environment.	Aspiration hazard	: Not classified
Symptoms/injuries after eye contact : May cause eye irritation.   Symptoms/injuries after ingestion : May be harmful if swallowed.   ECTION 12: Ecological information   21. Toxicity   No additional information available   22. Persistence and degradability   No additional information available   23. Bioaccumulative potential   No additional information available   24. Mobility in soil   No additional information available   25. Other adverse effects   Effect on ozone layer   : No known ecological damage caused by this product.   ECCTION 13: Disposal considerations : Incinerate. Dispose in a safe manner in accordance with local/national regulations. : Avoid release to the environment. ECCTION 14: Transport information 4.1. UN number Iot rgulated for transport. 4.2. UN proper shipping name	Symptoms/injuries after inhalation	: No information available.
Symptoms/injuries after ingestion : May be harmful if swallowed.   SECTION 12: Ecological information   2.1. Toxicity   No additional information available   2.2. Persistence and degradability   No additional information available   2.3. Bioaccumulative potential   No additional information available   2.4. Mobility in soil   No additional information available   2.5. Other adverse effects   Effect on zone layer   : No known ecological damage caused by this product.   SECTION 13: Disposal considerations   : Incinerate. Dispose in a safe manner in accordance with local/national regulations.   : Avoid release to the environment.   SECTION 14: Transport information   4.1. UN number   Not regulated for transport.   4.2. UN proper shipping name	Symptoms/injuries after skin contact	: May cause skin irritation.
SECTION 12: Ecological information         2.1. Toxicity         ko additional information available         2.2. Persistence and degradability         ko additional information available         2.3. Bioaccumulative potential         ko additional information available         2.4. Mobility in soil         ko additional information available         2.5. Other adverse effects         Effect on the global warming       : No additional information available         2.5. Other adverse effects         Effect on the global warming       : No known ecological damage caused by this product.         SECTION 13: Disposal considerations         3.1. Waste treatment methods         Vaste disposal recommendations       : Incinerate. Dispose in a safe manner in accordance with local/national regulations.         scology - waste materials       : Avoid release to the environment.         SECTION 14: Transport information         4.1. UN number         tot regulated for transport.         4.2. UN proper shipping name	Symptoms/injuries after eye contact	: May cause eye irritation.
2.1. Toxicity         No additional information available         2.2. Persistence and degradability         No additional information available         2.3. Bioaccumulative potential         No additional information available         2.4. Mobility in soil         No additional information available         2.4. Mobility in soil         No additional information available         2.5. Other adverse effects         Effect on ozone layer       : No additional information available         2.5. Other adverse effects         Effect on the global warming       : No known ecological damage caused by this product.         SECTION 13: Disposal considerations         3.1. Waste treatment methods         Vaste disposal recommendations       : Incinerate. Dispose in a safe manner in accordance with local/national regulations.         sciology - waste materials       : Avoid release to the environment.         SECTION 14: Transport information         4.1. UN number         Vot regulated for transport.         4.2. UN proper shipping name	Symptoms/injuries after ingestion	: May be harmful if swallowed.
No additional information available   2.2. Persistence and degradability   No additional information available   2.3. Bioaccumulative potential   No additional information available   2.4. Mobility in soil   No additional information available   2.5. Other adverse effects   Effect on ozone layer   :   No known ecological damage caused by this product.   SECTION 13: Disposal considerations 3.1. Waste treatment methods Vaste disposal recommendations : : Incinerate. Dispose in a safe manner in accordance with local/national regulations. :: Avoid release to the environment. SECTION 14: Transport information 4.1. UN number Not regulated for transport. 4.2. UN proper shipping name	SECTION 12: Ecological information	
2.2. Persistence and degradability         ko additional information available         2.3. Bioaccumulative potential         ko additional information available         2.4. Mobility in soil         ko additional information available         2.5. Other adverse effects         Effect on ozone layer       : No additional information available         2.5. Other adverse effects         Effect on the global warning       : No known ecological damage caused by this product.         SECTION 13: Disposal considerations         3.1. Waste treatment methods         Vaste disposal recommendations       : Incinerate. Dispose in a safe manner in accordance with local/national regulations.         cicology - waste materials       : Avoid release to the environment.         SECTION 14: Transport information         4.1. UN number         tor regulated for transport.         4.2. UN proper shipping name	12.1. Toxicity	
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2.3. Bioaccumulative potential         to additional information available         2.4. Mobility in soil         to additional information available         2.5. Other adverse effects         Effect on ozone layer       : No additional information available         2.5. 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 considerations         3.1. Waste treatment methods         Vaste disposal recommendations       : Incinerate. Dispose in a safe manner in accordance with local/national regulations.         EccTION 14: Transport information         4.1. UN number         Not regulated for transport.         4.2. UN proper shipping name	12.2. Persistence and degradability	
No additional information available   2.4. Mobility in soil   No additional information available   2.5. Other adverse effects   Effect on ozone layer   iffect on the global warming	No additional information available	
No additional information available   2.4. Mobility in soil   No additional information available   2.5. Other adverse effects   Effect on ozone layer   iffect on the global warming	12.3. Bioaccumulative potential	
Ab additional information available   2.5. Other adverse effects   Effect on ozone layer : No additional information available   Effect on the global warning : No known ecological damage caused by this product.   SECTION 13: Disposal considerations   3.1. Waste treatment methods   Vaste disposal recommendations : Incinerate. Dispose in a safe manner in accordance with local/national regulations.   Ecology - waste materials : Avoid release to the environment.   SECTION 14: Transport information   4.1. UN number   kot regulated for transport.   4.2. UN proper shipping name	No additional information available	
Ao additional information available   2.5. 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 considerations   3.1. Waste treatment methods   Vaste disposal recommendations : Incinerate. Dispose in a safe manner in accordance with local/national regulations.   Secology - waste materials : Avoid release to the environment.   SECTION 14: Transport information   4.1. UN number   Not regulated for transport.   4.2. UN proper shipping name	12.4. Mobility in soil	
2.5. 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 considerations       : No known ecological damage caused by this product.         SECTION 13: Disposal considerations       : Incinerate. Dispose in a safe manner in accordance with local/national regulations.         3.1. Waste treatment methods       : Incinerate. Dispose in a safe manner in accordance with local/national regulations.         Vaste disposal recommendations       : Avoid release to the environment.         SECTION 14: Transport information       4.1. UN number         Vat regulated for transport.	No additional information available	
Effect on ozone layer       : No additional information available         Effect on the global warming       : No known ecological damage caused by this product.         SECTION 13: Disposal considerations       : No known ecological damage caused by this product.         3.1.       Waste treatment methods         Vaste disposal recommendations       : Incinerate. Dispose in a safe manner in accordance with local/national regulations.         Ecology - waste materials       : Avoid release to the environment.         SECTION 14: Transport information       4.1.         VIN number		
Effect on the global warming       : No known ecological damage caused by this product.         SECTION 13: Disposal considerations       .         3.1.       Waste treatment methods         Vaste disposal recommendations       : Incinerate. Dispose in a safe manner in accordance with local/national regulations.         cology - waste materials       : Avoid release to the environment.         SECTION 14: Transport information       .         4.1.       UN number         Not regulated for transport.       .         4.2.       UN proper shipping name		
SECTION 13: Disposal considerations         3.1. Waste treatment methods         Vaste disposal recommendations       : Incinerate. Dispose in a safe manner in accordance with local/national regulations.         Scology - waste materials       : Avoid release to the environment.         SECTION 14: Transport information         4.1. UN number         Not regulated for transport.         4.2. UN proper shipping name	-	
3.1.       Waste treatment methods         Vaste disposal recommendations       : Incinerate. Dispose in a safe manner in accordance with local/national regulations.         Scology - waste materials       : Avoid release to the environment.         SECTION 14: Transport information         4.1.       UN number         Not regulated for transport.         4.2.       UN proper shipping name	Effect on the global warming	: No known ecological damage caused by this product.
Vaste disposal recommendations       : Incinerate. Dispose in a safe manner in accordance with local/national regulations.         Secology - waste materials       : Avoid release to the environment.         SECTION 14: Transport information         4.1.       UN number         Not regulated for transport.         4.2.       UN proper shipping name	<b>SECTION 13: Disposal consideration</b>	ns
Ecology - waste materials : Avoid release to the environment.   SECTION 14: Transport information   4.1. UN number   Not regulated for transport.   4.2. UN proper shipping name	13.1. Waste treatment methods	
SECTION 14: Transport information         4.1.       UN number         Not regulated for transport.         4.2.       UN proper shipping name	Waste disposal recommendations	
4.1. UN number         Jot regulated for transport.         4.2. UN proper shipping name	Ecology - waste materials	: Avoid release to the environment.
4.1. UN number         Jot regulated for transport.         4.2. UN proper shipping name	SECTION 14: Transport information	
Jot regulated for transport.         4.2.       UN proper shipping name		
4.2. UN proper shipping name	Not regulated for transport.	
lot applicable		
	Not applicable	

14.3. Additional inform	nation				
Other information	: No	supple	ementary information availa	ble.	
Transport by sea					
No additional information	available				
Air transport					
No additional information	available				
SECTION 15: Regu					
15.1. US Federal regulat					
	onoallyl ether (27274-31-3)				
	tes TSCA (Toxic Substances	Contro	ol Act) inventory		
	,			iloxane-dimethylsiloxane ter	rpolymer (200443-93-2)
	tes TSCA (Toxic Substances			-	
15.2. International regul	ations				
Polyethylene oxide mo	onoallyl ether (27274-31-3)				
	tralian Inventory of Chemical		ances)		
	DSL (Domestic Sustances Lis tory of Existing Chemical Subs		s Produced or Imported in (	China)	
Listed on the Japanese	ENCS (Existing & New Chem			on nay	
	CL (Existing Chemicals List) Realand Inventory of Chemical	c)			
	pines Inventory of Chemicals		nemical Substances)		
· · · ·	•		,	iloxane-dimethylsiloxane ter	rpolymer (200443-93-2)
Listed on the Canadian	NDSL (Non-Domestic Substa	nces L	ist)		
Listed on IECSC (Invent Listed on NZIoC (New Z	ory of Existing Chemical Subs ealand Inventory of Chemical	stance: s)	s Produced or Imported in C	China)	
		,			
15.3. US State regulation	ns				
(HYDROXYETHYLENEO TERPOLYMER(200443-9		NE)-(;	3,4-DIMETHOXYPHENYLF	PROPYL)METHYLSILOXANE	-DIMETHYLSILOXANE
	tion 65 - Carcinogens List	No			
U.S California - Proposi Toxicity	tion 65 - Developmental	No			
U.S California - Proposi	tion 65 - Reproductive	No			
Toxicity - Female	tion CE Depreductive	No			
U.S California - Proposi Toxicity - Male	tion 65 - Reproductive	No			
Poly(oxy-1,2-ethanediyl	), a-1-propen-1-yl-w-hydroxy	r (1914	403-44-8)		
U.S California -	U.S California -		J.S California -	U.S California -	No significance risk level
Proposition 65 - Carcinogens List	Proposition 65 - Developmental Toxicity		Proposition 65 - Reproductive Toxicity -	Proposition 65 - Reproductive Toxicity -	(NSRL)
Carolinogono Llot			emale	Male	
No	No	Ν	lo	No	
Delevelle de la 11	oallyl ether (27274-31-3)				
		1 1	J.S California -		I NIA A WAR CARACTER AND A WARD IN LAW AND
U.S California -	U.S California - Proposition 65	-		U.S California -	No significance risk level
U.S California - Proposition 65 -	Proposition 65 -	P	Proposition 65 - Reproductive Toxicity -	U.S California - Proposition 65 - Reproductive Toxicity -	(NSRL)
U.S California - Proposition 65 -		F	Proposition 65 -	Proposition 65 -	5
U.S California - Proposition 65 - Carcinogens List	Proposition 65 -	P R F	Proposition 65 - Reproductive Toxicity -	Proposition 65 - Reproductive Toxicity -	0
U.S California - Proposition 65 - Carcinogens List No	Proposition 65 - Developmental Toxicity No	F F F N nethox	Proposition 65 - Reproductive Toxicity - emale lo <b>xyphenylpropyl)methylsil</b> e	Proposition 65 - Reproductive Toxicity - Male	(NSRL) oolymer (200443-93-2)
U.S California - Proposition 65 - Carcinogens List No <b>(Hydroxyethyleneoxypro</b> U.S California -	Proposition 65 - Developmental Toxicity No opyImethyIsiloxane)-(3,4-din U.S California -	F F N nethox	Proposition 65 - Reproductive Toxicity - emale lo <b>kyphenylpropyl)methylsil</b> e J.S California -	Proposition 65 - Reproductive Toxicity - Male No oxane-dimethylsiloxane terp U.S California -	(NSRL) polymer (200443-93-2) No significance risk level
U.S California - Proposition 65 - Carcinogens List No (Hydroxyethyleneoxypro U.S California - Proposition 65 -	Proposition 65 - Developmental Toxicity No opyImethyIsiloxane)-(3,4-din U.S California - Proposition 65 -	P F F nethos	Proposition 65 - Reproductive Toxicity - emale to <b>xyphenylpropyl)methylsil</b> J.S California - Proposition 65 -	Proposition 65 - Reproductive Toxicity - Male No oxane-dimethylsiloxane terp U.S California - Proposition 65 -	(NSRĽ) polymer (200443-93-2)
U.S California - Proposition 65 - Carcinogens List No	Proposition 65 - Developmental Toxicity No opyImethyIsiloxane)-(3,4-din U.S California -	nethox F N D E F F	Proposition 65 - Reproductive Toxicity - emale lo <b>kyphenylpropyl)methylsil</b> e J.S California -	Proposition 65 - Reproductive Toxicity - Male No oxane-dimethylsiloxane terp U.S California -	(NSRĽ) polymer (200443-93-2) No significance risk level
U.S California - Proposition 65 - Carcinogens List No (Hydroxyethyleneoxypro U.S California - Proposition 65 -	Proposition 65 - Developmental Toxicity No opyImethyIsiloxane)-(3,4-din U.S California - Proposition 65 -	nethoz	Proposition 65 - Reproductive Toxicity - Temale Io <b>xyphenylpropyl)methylsil</b> J.S California - Proposition 65 - Reproductive Toxicity -	Proposition 65 - Reproductive Toxicity - Male No oxane-dimethylsiloxane terp U.S California - Proposition 65 - Reproductive Toxicity -	(NSRĽ) polymer (200443-93-2) No significance risk level

Safety Data Sheet

SECTION 16: Other information	
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 and Development.

#### **HMIS III Rating**

Health Flammability Physical : 1 Slight Hazard - Irritation or minor reversible injury possible

: 1 Slight Hazard : 0 Minimal Hazard

#### Prepared by safety and environmental affairs.

Date of issue: 10/30/2014 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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