

## Safety Data Sheet

## Firestone Building Products Company

## Section 1: Identification of the Substance/Mixture and of the Company/Undertaking

## 1.1 Product identifier

**Product Name** • I.S.O. Twin Pack™ Insulation Adhesive Part 2

## 1.2 Relevant identified uses of the substance or mixture and uses advised against

**Relevant identified use(s)** • Construction

## 1.3 Details of the supplier of the safety data sheet

**Manufacturer** • Firestone Building Products Company  
250 West 96th Street  
Indianapolis, IN 46260  
United States

firestonemsds@bfdp.com

**Telephone (General)** • 800-428-4442

## 1.4 Emergency telephone number

**Manufacturer** • (800) 424-9300 - CHEMTREC

**Manufacturer** • (703) 527-3887 - CHEMTREC - International

## Section 2: Hazards Identification

## EU/EEC

According to Regulation (EC) No 1272/2008 (CLP)/REACH 1907/2006 [amended by 453/2010]

According to EU Directive 67/548/EEC (DSD) or 1999/45/EC (DPD)

## 2.1 Classification of the substance or mixture

**CLP** • Skin Irritation 2 - H315  
Skin Sensitization 1 - H317  
Eye Irritation 2 - H319

**DSD/DPD** • Irritant (Xi)  
R36/38, R43

## 2.2 Label Elements

**CLP**

**WARNING**

**Hazard statements** • H315 - Causes skin irritation  
H317 - May cause an allergic skin reaction  
H319 - Causes serious eye irritation

**Precautionary statements**

**Prevention** • P261 - Avoid breathing mists, vapours, and/or spray.

P264 - Wash thoroughly after handling.  
 P272 - Contaminated work clothing should not be allowed out of the workplace.  
 P280 - Wear protective gloves and eye/face protection , .

- Response** ● P302+P352 - IF ON SKIN: Wash with plenty of soap and water.  
 P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.  
 P362 - Take off contaminated clothing and wash before reuse.  
 P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes.  
 Remove contact lenses, if present and easy to do. Continue rinsing.  
 P337+P313 - If eye irritation persists: Get medical advice/attention.  
 P321 - Specific treatment, see supplemental first aid information.

- Storage/Disposal** ● P501 - Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

## DSD/DPD



- Risk phrases** ● R36/38 - Irritating to eyes and skin.  
 R43 - May cause sensitisation by skin contact.

- Safety phrases** ● S24 - Avoid contact with skin.  
 S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
 S37 - Wear suitable gloves.  
 S45 - In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

## 2.3 Other Hazards

- CLP** ● According to Regulation (EC) No. 1272/2008 (CLP) this material is considered hazardous.

- DSD/DPD** ● This product is considered dangerous according to the European Directive 67/548/EEC.

## United States (US)

According to OSHA 29 CFR 1910.1200 HCS

### 2.1 Classification of the substance or mixture

- OSHA HCS 2012** ● Skin Irritation 2 - H315  
 Skin Sensitization 1 - H317  
 Eye Irritation 2A - H319

### 2.2 Label elements

**OSHA HCS 2012**

#### WARNING



- Hazard statements** ● Causes skin irritation - H315  
 May cause an allergic skin reaction - H317  
 Causes serious eye irritation - H319

#### Precautionary statements

- Prevention** ● Avoid breathing mists, vapours, and/or spray. - P261  
 Wash thoroughly after handling. - P264  
 Contaminated work clothing should not be allowed out of the workplace. - P272  
 Wear protective gloves and eye/face protection , . - P280

- Response** ● If on skin: Wash with plenty of water .  
 If skin irritation or rash occurs: Get medical advice/attention. - P333+P313  
 Take off contaminated clothing and wash before reuse. - P362  
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses,

if present and easy to do. Continue rinsing. - P305+P351+P338  
 If eye irritation persists: Get medical advice/attention. - P337+P313  
 Specific treatment, see supplemental first aid information. - P321

- Storage/Disposal** • Dispose of content and/or container in accordance with local, regional, national, and/or international regulations. - P501

## 2.3 Other hazards

### OSHA HCS 2012

- Under United States Regulations (29 CFR 1910.1200 - Hazard Communication Standard), this product is considered hazardous.

## Canada

### According to WHMIS

## 2.1 Classification of the substance or mixture

### WHMIS

- Other Toxic Effects - D2B

## 2.2 Label elements

### WHMIS



- Other Toxic Effects - D2B

## 2.3 Other hazards

### WHMIS

- In Canada, the product mentioned above is considered hazardous under the Workplace Hazardous Materials Information System (WHMIS).

## Section 3 - Composition/Information on Ingredients

### 3.1 Substances

- Material does not meet the criteria of a substance.

### 3.2 Mixtures

Composition					
Chemical Name	Identifiers	%	LD50/LC50	Classifications According to Regulation/Directive	Comments
Siloxanes and Silicones, di-Me, reaction products with silica	CAS:67762-90-7	<= 2.5%	NDA	EU DSD/DPD: Not Classified EU CLP: Not Classified OSHA HCS 2012: Not Classified	NDA
Ethylenediamine, N-(3-(trimethoxysilyl)propyl)-	CAS:1760-24-3 EINECS:217-164-6	<= 2.5%	Ingestion/Oral-Rat LD50 • 2413 mg/kg	EU DSD/DPD: Self Classified: Xi; R36 EU CLP: Self Classified: Eye Irrit. 2, H319 OSHA HCS 2012: Eye Irrit. 2	NDA
Propanol, oxybis-	CAS:25265-71-8 EINECS:246-770-3	<= 2.5%	Ingestion/Oral-Rat LD50 • 14850 mg/kg Skin-Rabbit LD50 • >20 mL/kg	EU DSD/DPD: Not Classified EU CLP: Not Classified OSHA HCS 2012: Not Classified	NDA

## Section 4 - First Aid Measures

### 4.1 Description of first aid measures

- Inhalation**
- Move victim to fresh air. Administer oxygen if breathing is difficult. Give artificial respiration if victim is not breathing. If signs/symptoms continue, get medical attention.
- Skin**
- Wash skin with soap and water. If irritation develops and persists, get medical attention.
- Eye**
- In case of contact with substance, immediately flush eyes with running water for at least 20 minutes. If eye irritation persists: Get medical advice/attention.
- Ingestion**
- Rinse mouth. Drink 1 - 2 glasses of water. Do NOT induce vomiting. Do not give anything by mouth to an unconscious person. Get medical attention immediately.

### 4.2 Most important symptoms and effects, both acute and delayed

- Refer to Section 11 - Toxicological Information.

### 4.3 Indication of any immediate medical attention and special treatment needed

- Notes to Physician**
- All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred.

## Section 5 - Firefighting Measures

### 5.1 Extinguishing media

- Suitable Extinguishing Media**
- Use fire extinguishing media as appropriate for surrounding conditions.

- Unsuitable Extinguishing Media**
- No data available

### 5.2 Special hazards arising from the substance or mixture

- Unusual Fire and Explosion Hazards**
- Dried solids can burn and release toxic fumes and vapors.

- Hazardous Combustion Products**
- No data available

### 5.3 Advice for firefighters

- Structural firefighters' protective clothing will only provide limited protection. Wear positive pressure self-contained breathing apparatus (SCBA).  
SMALL FIRES: Move containers from fire area if you can do it without risk.  
LARGE FIRES: Cool containers with flooding quantities of water until well after fire is out.

## Section 6 - Accidental Release Measures

### 6.1 Personal precautions, protective equipment and emergency procedures

- Personal Precautions**
- Ventilate enclosed areas. Do not walk through spilled material. Wear appropriate personal protective equipment, avoid direct contact. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.

- Emergency Procedures**
- As an immediate precautionary measure, isolate spill or leak area for at least 50 meters (150 feet) in all directions. Keep unauthorized personnel away. Keep out of low areas. Stay upwind.

### 6.2 Environmental precautions

- Prevent entry into waterways and sewers.

### 6.3 Methods and material for containment and cleaning up

- Containment/Clean-up**
- Absorb or cover with dry earth, sand or other non-combustible material and transfer to

**Measures** containers.  
Dike to collect large liquid spills.

## 6.4 Reference to other sections

- Refer to Section 8 - Exposure Controls/Personal Protection and Section 13 - Disposal Considerations.

## Section 7 - Handling and Storage

### 7.1 Precautions for safe handling

#### Handling

- Use only in well ventilated areas. Wear appropriate personal protective equipment, avoid direct contact. Avoid breathing mist, vapours, spray. Avoid contact with skin, eyes, and clothing. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco.

### 7.2 Conditions for safe storage, including any incompatibilities

#### Storage

- Keep container tightly closed. Store in a cool, dry, well-ventilated place.

### 7.3 Specific end use(s)

- Refer to Section 1.2 - Relevant identified uses.

## Section 8 - Exposure Controls/Personal Protection

### 8.1 Control parameters

Exposure Limits/Guidelines			
	Result	Germany DFG	Germany TRGS
Propanol, oxybis- (25265-71-8)	TWAs	Not established	100 mg/m <sup>3</sup> TWA AGW (The risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed, inhalable fraction, exposure factor 2)
	Ceilings	200 mg/m <sup>3</sup> Peak (inhalable fraction)	Not established
	MAKs	100 mg/m <sup>3</sup> TWA MAK (inhalable fraction)	Not established

### Exposure Control Notations

#### Germany TRGS

•Propanol, oxybis- (25265-71-8): **Skin:** (skin notation)

#### Germany DFG

•Propanol, oxybis- (25265-71-8): **Pregnancy:** (no risk to embryo/fetus if exposure limits adhered to) | **Skin:** (skin notation (inhalable fraction))

### 8.2 Exposure controls

#### Engineering Measures/Controls

- This material is designed to be used outdoors, in roofing applications. Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

#### Personal Protective Equipment

##### Respiratory

- In case of insufficient ventilation, wear suitable respiratory equipment. Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH or European Standard EN 149 approved respirator if exposure limits are exceeded or symptoms are experienced.

##### Eye/Face

- Wear chemical splash safety goggles.

##### Skin/Body

- Wear appropriate chemical resistant clothing and chemical resistant gloves.

#### Environmental Exposure Controls

- In case of spills, keep product clear of sewers, waterways or land areas. Dispose of waste product in accordance with national and local laws and regulations.

**Key to abbreviations**

MAK = Maximale Arbeitsplatz Konzentration is the maximum permissible concentration

TWA = Time-Weighted Averages are based on 8h/day, 40h/week exposures

**Section 9 - Physical and Chemical Properties****9.1 Information on Physical and Chemical Properties**

<b>Material Description</b>			
Physical Form	Liquid	Appearance/Description	Colorless liquid with polyether odor.
Color	Colorless	Odor	Polyether
Odor Threshold	Data lacking		
<b>General Properties</b>			
Boiling Point	Data lacking	Melting Point	Data lacking
Decomposition Temperature	Data lacking	pH	9 to 10
Specific Gravity/Relative Density	0.98 Water=1 @ 20 C(68 F)	Water Solubility	Data lacking
Viscosity	Data lacking	Explosive Properties	Product does not present an explosion hazard.
Oxidizing Properties:	Data lacking		
<b>Volatility</b>			
Vapor Pressure	Data lacking	Vapor Density	Data lacking
Evaporation Rate	Data lacking		
<b>Flammability</b>			
Flash Point	> 350 C(> 662 F)	UEL	Data lacking
LEL	Data lacking	Autoignition	Data lacking
Flammability (solid, gas)	Not determined.		
<b>Environmental</b>			
Octanol/Water Partition coefficient	Data lacking		

**9.2 Other Information**

- No additional physical and chemical parameters noted.

**Section 10: Stability and Reactivity****10.1 Reactivity**

- No dangerous reaction known under conditions of normal use.

**10.2 Chemical stability**

- Stable

**10.3 Possibility of hazardous reactions**

- Hazardous polymerization will not occur.

**10.4 Conditions to avoid**

- High temperatures.

**10.5 Incompatible materials**

- Oxidizing agents.

**10.6 Hazardous decomposition products**

- Carbon monoxide, carbon dioxide, tin oxide.

## Section 11 - Toxicological Information

### 11.1 Information on toxicological effects

Components		
Siloxanes and Silicones, di-Me, reaction products with silica (<= 2.5%)	67762-90-7	<b>Multi-dose Toxicity:</b> Inhalation-Rat TCLo • 30 mg/kg 6 Hour(s) 4 Week(s)-Intermittent; <i>Lungs, Thorax, or Respiration:Other changes; Blood:Hemorrhage; Related to Chronic Data:Death in the Other Multiple Dose data type field</i>
Ethylenediamine, N-(3-(trimethoxysilyl)propyl)- (<= 2.5%)	1760-24-3	<b>Acute Toxicity:</b> Ingestion/Oral-Rat LD50 • 2413 mg/kg; <i>Behavioral:Tremor; Gastrointestinal:Hypermotility, diarrhea; Gastrointestinal:Other changes; Skin-Rat LD50 • &gt;2009 mg/kg; Irritation:</i> Eye-Rabbit • 15 mg • Severe irritation; Skin-Rabbit • 500 mg-Open • Mild irritation
Propanol, oxybis- (<= 2.5%)	25265-71-8	<b>Acute Toxicity:</b> Ingestion/Oral-Rat LD50 • 14850 mg/kg; Skin-Rabbit LD50 • >20 mL/kg

GHS Properties	Classification
Acute toxicity	EU/CLP • Data lacking OSHA HCS 2012 • Data lacking
Aspiration Hazard	EU/CLP • Data lacking OSHA HCS 2012 • Data lacking
Carcinogenicity	EU/CLP • Data lacking OSHA HCS 2012 • Data lacking
Germ Cell Mutagenicity	EU/CLP • Data lacking OSHA HCS 2012 • Data lacking
Skin corrosion/Irritation	EU/CLP • Skin Irritation 2 OSHA HCS 2012 • Skin Irritation 2
Skin sensitization	EU/CLP • Skin Sensitizer 1 OSHA HCS 2012 • Skin Sensitizer 1
STOT-RE	EU/CLP • Data lacking OSHA HCS 2012 • Data lacking
STOT-SE	EU/CLP • Data lacking OSHA HCS 2012 • Data lacking
Toxicity for Reproduction	EU/CLP • Data lacking OSHA HCS 2012 • Data lacking
Respiratory sensitization	EU/CLP • Data lacking OSHA HCS 2012 • Data lacking
Serious eye damage/Irritation	EU/CLP • Eye Irritation 2 OSHA HCS 2012 • Eye Irritation 2A

### Potential Health Effects

#### Inhalation

##### Acute (Immediate)

- May cause irritation.

##### Chronic (Delayed)

- No data available

#### Skin

##### Acute (Immediate)

- Causes skin irritation. May cause skin sensitization. Symptoms include redness, and skin rash.

**Chronic (Delayed)**

- No data available

**Eye****Acute (Immediate)**

- Causes serious eye irritation.

**Chronic (Delayed)**

- No data available

**Ingestion****Acute (Immediate)**

- Although swallowing this product is an unlikely means of exposure, irritation of the mouth, pharynx, esophagus and stomach can develop following ingestion.

**Chronic (Delayed)**

- No data available

**Key to abbreviations**

LD = Lethal Dose

TC = Toxic Concentration

**Section 12 - Ecological Information****12.1 Toxicity**

- Material data lacking.

**12.2 Persistence and degradability**

- Material data lacking.

**12.3 Bioaccumulative potential**

- Material data lacking.

**12.4 Mobility in Soil**

- Material data lacking.

**12.5 Results of PBT and vPvB assessment**

- No PBT and vPvB assessment has been conducted.

**12.6 Other adverse effects**

- No studies have been found.

**Section 13 - Disposal Considerations****13.1 Waste treatment methods****Product waste**

- Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

**Packaging waste**

- Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

**Section 14 - Transport Information**

	<b>14.1 UN number</b>	<b>14.2 UN proper shipping name</b>	<b>14.3 Transport hazard class(es)</b>	<b>14.4 Packing group</b>	<b>14.5 Environmental hazards</b>
DOT	NDA	Not Regulated	NDA	NDA	NDA
TDG	NDA	Not Regulated	NDA	NDA	NDA
IMO/IMDG	NDA	Not Regulated	NDA	NDA	NDA
ADN	NDA	Not Regulated	NDA	NDA	NDA



ADR/RID	NDA	Not Regulated	NDA	NDA	NDA
IATA/ICAO	NDA	Not Regulated	NDA	NDA	NDA

**14.6 Special precautions for user** • None specified.

**14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** • Data lacking.

## Section 15 - Regulatory Information

**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

**SARA Hazard Classifications** • Acute

State Right To Know				
Component	CAS	MA	NJ	PA
Ethylenediamine, N-(3-(trimethoxysilyl)propyl)-	1760-24-3	No	No	No
Propanol, oxybis-	25265-71-8	No	No	Yes
Siloxanes and Silicones, di-Me, reaction products with silica	67762-90-7	No	No	No

Inventory						
Component	CAS	Canada DSL	Canada NDSL	China	EU EINECS	EU ELNICS
Ethylenediamine, N-(3-(trimethoxysilyl)propyl)-	1760-24-3	Yes	No	Yes	Yes	No
Propanol, oxybis-	25265-71-8	Yes	No	Yes	Yes	No
Siloxanes and Silicones, di-Me, reaction products with silica	67762-90-7	Yes	No	Yes	No	No

Inventory (Con't.)				
Component	CAS	Japan ENCS	Korea KECL	TSCA
Ethylenediamine, N-(3-(trimethoxysilyl)propyl)-	1760-24-3	Yes	Yes	Yes
Propanol, oxybis-	25265-71-8	Yes	Yes	Yes
Siloxanes and Silicones, di-Me, reaction products with silica	67762-90-7	Yes	Yes	Yes

## Australia

### Labor

#### Australia - Work Health and Safety Regulations - Hazardous Substances Requiring Health Monitoring

• Ethylenediamine, N-(3-(trimethoxysilyl)propyl)-

1760-24-3 Not Listed

• Propanol, oxybis-	25265-71-8	Not Listed
• Siloxanes and Silicones, di-Me, reaction products with silica	67762-90-7	Not Listed

**Australia - High Volume Industrial Chemicals List**

• Ethylenediamine, N-(3-(trimethoxysilyl)propyl)-	1760-24-3	Not Listed
• Propanol, oxybis-	25265-71-8	
• Siloxanes and Silicones, di-Me, reaction products with silica	67762-90-7	Not Listed

**Australia - List of Designated Hazardous Substances - Classification**

• Ethylenediamine, N-(3-(trimethoxysilyl)propyl)-	1760-24-3	Not Listed
• Propanol, oxybis-	25265-71-8	Not Listed
• Siloxanes and Silicones, di-Me, reaction products with silica	67762-90-7	Not Listed

**Environment****Australia - National Pollutant Inventory (NPI) Substance List**

• Ethylenediamine, N-(3-(trimethoxysilyl)propyl)-	1760-24-3	Not Listed
• Propanol, oxybis-	25265-71-8	Not Listed
• Siloxanes and Silicones, di-Me, reaction products with silica	67762-90-7	Not Listed

**Australia - Ozone Protection Act - Scheduled Substances**

• Ethylenediamine, N-(3-(trimethoxysilyl)propyl)-	1760-24-3	Not Listed
• Propanol, oxybis-	25265-71-8	Not Listed
• Siloxanes and Silicones, di-Me, reaction products with silica	67762-90-7	Not Listed

**Australia - Priority Existing Chemical Program**

• Ethylenediamine, N-(3-(trimethoxysilyl)propyl)-	1760-24-3	Not Listed
• Propanol, oxybis-	25265-71-8	Not Listed
• Siloxanes and Silicones, di-Me, reaction products with silica	67762-90-7	Not Listed

**Belgium****Labor****Belgium - Substances and Preparations - Carcinogens and Mutagens**

• Ethylenediamine, N-(3-(trimethoxysilyl)propyl)-	1760-24-3	Not Listed
• Propanol, oxybis-	25265-71-8	Not Listed
• Siloxanes and Silicones, di-Me, reaction products with silica	67762-90-7	Not Listed

**Bulgaria****Environment****Bulgaria - Air Quality - Maximum Admissible Hazardous Contaminant Levels - 24 Hour**

• Ethylenediamine, N-(3-(trimethoxysilyl)propyl)-	1760-24-3	Not Listed
• Propanol, oxybis-	25265-71-8	Not Listed
• Siloxanes and Silicones, di-Me, reaction products with silica	67762-90-7	Not Listed

**Bulgaria - Air Quality - Maximum Admissible Hazardous Contaminant Levels - 30 Minute**

• Ethylenediamine, N-(3-(trimethoxysilyl)propyl)-	1760-24-3	Not Listed
• Propanol, oxybis-	25265-71-8	Not Listed
• Siloxanes and Silicones, di-Me, reaction products with silica	67762-90-7	Not Listed

**Bulgaria - Air Quality - Maximum Admissible Hazardous Contaminant Levels - Annual**

• Ethylenediamine, N-(3-(trimethoxysilyl)propyl)-	1760-24-3	Not Listed
• Propanol, oxybis-	25265-71-8	Not Listed
• Siloxanes and Silicones, di-Me, reaction products with silica	67762-90-7	Not Listed

## Canada

### Labor

#### Canada - WHMIS - Classifications of Substances

• Ethylenediamine, N-(3-(trimethoxysilyl)propyl)-	1760-24-3	Not Listed
• Propanol, oxybis-	25265-71-8	Not Listed
• Siloxanes and Silicones, di-Me, reaction products with silica	67762-90-7	Not Listed

#### Canada - WHMIS - Ingredient Disclosure List

• Ethylenediamine, N-(3-(trimethoxysilyl)propyl)-	1760-24-3	Not Listed
• Propanol, oxybis-	25265-71-8	Not Listed
• Siloxanes and Silicones, di-Me, reaction products with silica	67762-90-7	Not Listed

### Environment

#### Canada - CEPA - Priority Substances List

• Ethylenediamine, N-(3-(trimethoxysilyl)propyl)-	1760-24-3	Not Listed
• Propanol, oxybis-	25265-71-8	Not Listed
• Siloxanes and Silicones, di-Me, reaction products with silica	67762-90-7	Not Listed

## China

### Other

#### China - Annex I & II - Controlled Chemicals Lists

• Ethylenediamine, N-(3-(trimethoxysilyl)propyl)-	1760-24-3	Not Listed
• Propanol, oxybis-	25265-71-8	Not Listed
• Siloxanes and Silicones, di-Me, reaction products with silica	67762-90-7	Not Listed

## Denmark

### Environment

#### Denmark - List of Undesirable Substances - Product Groups/Function

• Ethylenediamine, N-(3-(trimethoxysilyl)propyl)-	1760-24-3	Not Listed
• Propanol, oxybis-	25265-71-8	Not Listed
• Siloxanes and Silicones, di-Me, reaction products with silica	67762-90-7	Not Listed

## Europe

### Other

#### EU - CLP (1272/2008) - Annex VI - Table 3.2 - Classification

• Ethylenediamine, N-(3-(trimethoxysilyl)propyl)-	1760-24-3	Not Listed
• Propanol, oxybis-	25265-71-8	Not Listed
• Siloxanes and Silicones, di-Me, reaction products with silica	67762-90-7	Not Listed

#### EU - CLP (1272/2008) - Annex VI - Table 3.2 - Concentration Limits

• Ethylenediamine, N-(3-(trimethoxysilyl)propyl)-	1760-24-3	Not Listed
• Propanol, oxybis-	25265-71-8	Not Listed
• Siloxanes and Silicones, di-Me, reaction products with silica	67762-90-7	Not Listed

#### EU - CLP (1272/2008) - Annex VI - Table 3.2 - Labelling

• Ethylenediamine, N-(3-(trimethoxysilyl)propyl)-	1760-24-3	Not Listed
• Propanol, oxybis-	25265-71-8	Not Listed
• Siloxanes and Silicones, di-Me, reaction products with silica	67762-90-7	Not Listed

#### EU - CLP (1272/2008) - Annex VI - Table 3.2 - Notes - Substances and Preparations

• Ethylenediamine, N-(3-(trimethoxysilyl)propyl)-	1760-24-3	Not Listed
• Propanol, oxybis-	25265-71-8	Not Listed

• Siloxanes and Silicones, di-Me, reaction products with silica	67762-90-7	Not Listed
<b>EU - CLP (1272/2008) - Annex VI - Table 3.2 - Safety Phrases</b>		
• Ethylenediamine, N-(3-(trimethoxysilyl)propyl)-	1760-24-3	Not Listed
• Propanol, oxybis-	25265-71-8	Not Listed
• Siloxanes and Silicones, di-Me, reaction products with silica	67762-90-7	Not Listed

## Germany

### Labor

#### Germany - Immission Control - Qualifying Quantities for Major Accident Prevention

• Ethylenediamine, N-(3-(trimethoxysilyl)propyl)-	1760-24-3	Not Listed
• Propanol, oxybis-	25265-71-8	Not Listed
• Siloxanes and Silicones, di-Me, reaction products with silica	67762-90-7	Not Listed

#### Germany - Immission Control - Qualifying Quantities for Safety Reporting

• Ethylenediamine, N-(3-(trimethoxysilyl)propyl)-	1760-24-3	Not Listed
• Propanol, oxybis-	25265-71-8	Not Listed
• Siloxanes and Silicones, di-Me, reaction products with silica	67762-90-7	Not Listed

#### Germany - TRGS 505 - Specific Lead Regulations

• Ethylenediamine, N-(3-(trimethoxysilyl)propyl)-	1760-24-3	Not Listed
• Propanol, oxybis-	25265-71-8	Not Listed
• Siloxanes and Silicones, di-Me, reaction products with silica	67762-90-7	Not Listed

#### Germany - TRGS 511 - Specific Ammonium Nitrate Regulations

• Ethylenediamine, N-(3-(trimethoxysilyl)propyl)-	1760-24-3	Not Listed
• Propanol, oxybis-	25265-71-8	Not Listed
• Siloxanes and Silicones, di-Me, reaction products with silica	67762-90-7	Not Listed

### Environment

#### Germany - TA Luft - Types and Classes

• Ethylenediamine, N-(3-(trimethoxysilyl)propyl)-	1760-24-3	Not Listed
• Propanol, oxybis-	25265-71-8	Not Listed
• Siloxanes and Silicones, di-Me, reaction products with silica	67762-90-7	Not Listed

#### Germany - TA Luft - Emission Limits for Carcinogenic Substances

• Ethylenediamine, N-(3-(trimethoxysilyl)propyl)-	1760-24-3	Not Listed
• Propanol, oxybis-	25265-71-8	Not Listed
• Siloxanes and Silicones, di-Me, reaction products with silica	67762-90-7	Not Listed

#### Germany - TA Luft - Emission Limits for Fibers

• Ethylenediamine, N-(3-(trimethoxysilyl)propyl)-	1760-24-3	Not Listed
• Propanol, oxybis-	25265-71-8	Not Listed
• Siloxanes and Silicones, di-Me, reaction products with silica	67762-90-7	Not Listed

#### Germany - TA Luft - Emission Limits for Inorganic Dusts

• Ethylenediamine, N-(3-(trimethoxysilyl)propyl)-	1760-24-3	Not Listed
• Propanol, oxybis-	25265-71-8	Not Listed
• Siloxanes and Silicones, di-Me, reaction products with silica	67762-90-7	Not Listed

#### Germany - TA Luft - Emission Limits for Inorganic Gases

• Ethylenediamine, N-(3-(trimethoxysilyl)propyl)-	1760-24-3	Not Listed
• Propanol, oxybis-	25265-71-8	Not Listed
• Siloxanes and Silicones, di-Me, reaction products with silica	67762-90-7	Not Listed

**Germany - TA Luft - Emission Limits for Organic Substances**

• Ethylenediamine, N-(3-(trimethoxysilyl)propyl)-	1760-24-3	Not Listed
• Propanol, oxybis-	25265-71-8	Not Listed
• Siloxanes and Silicones, di-Me, reaction products with silica	67762-90-7	Not Listed

**Germany - Water Classification (VwVwS) - Annex 1**

• Ethylenediamine, N-(3-(trimethoxysilyl)propyl)-	1760-24-3	Not Listed
• Propanol, oxybis-	25265-71-8	Not Listed
• Siloxanes and Silicones, di-Me, reaction products with silica	67762-90-7	ID Number 849, not considered hazardous to water

**Germany - Water Classification (VwVwS) - Annex 2 - Water Hazard Classes**

• Ethylenediamine, N-(3-(trimethoxysilyl)propyl)-	1760-24-3	Not Listed
• Propanol, oxybis-	25265-71-8	Not Listed
• Siloxanes and Silicones, di-Me, reaction products with silica	67762-90-7	Not Listed

**Germany - Water Classification (VwVwS) - Annex 3**

• Ethylenediamine, N-(3-(trimethoxysilyl)propyl)-	1760-24-3	ID Number 7703, hazard class 1 - low hazard to waters
• Propanol, oxybis-	25265-71-8	ID Number 3419, hazard class 1 - low hazard to waters
• Siloxanes and Silicones, di-Me, reaction products with silica	67762-90-7	Not Listed

**Mexico****Other****Mexico - Hazard Classifications**

• Ethylenediamine, N-(3-(trimethoxysilyl)propyl)-	1760-24-3	Not Listed
• Propanol, oxybis-	25265-71-8	Not Listed
• Siloxanes and Silicones, di-Me, reaction products with silica	67762-90-7	Not Listed

**Mexico - Regulated Substances**

• Ethylenediamine, N-(3-(trimethoxysilyl)propyl)-	1760-24-3	Not Listed
• Propanol, oxybis-	25265-71-8	Not Listed
• Siloxanes and Silicones, di-Me, reaction products with silica	67762-90-7	Not Listed

**United States****Labor****U.S. - OSHA - Process Safety Management - Highly Hazardous Chemicals**

• Ethylenediamine, N-(3-(trimethoxysilyl)propyl)-	1760-24-3	Not Listed
• Propanol, oxybis-	25265-71-8	Not Listed
• Siloxanes and Silicones, di-Me, reaction products with silica	67762-90-7	Not Listed

**U.S. - OSHA - Specifically Regulated Chemicals**

• Ethylenediamine, N-(3-(trimethoxysilyl)propyl)-	1760-24-3	Not Listed
• Propanol, oxybis-	25265-71-8	Not Listed
• Siloxanes and Silicones, di-Me, reaction products with silica	67762-90-7	Not Listed

**Environment****U.S. - CAA (Clean Air Act) - 1990 Hazardous Air Pollutants**

• Ethylenediamine, N-(3-(trimethoxysilyl)propyl)-	1760-24-3	Not Listed
• Propanol, oxybis-	25265-71-8	Not Listed
• Siloxanes and Silicones, di-Me, reaction products with silica	67762-90-7	Not Listed

**U.S. - CERCLA/SARA - Hazardous Substances and their Reportable Quantities**

• Ethylenediamine, N-(3-(trimethoxysilyl)propyl)-	1760-24-3	Not Listed
• Propanol, oxybis-	25265-71-8	Not Listed
• Siloxanes and Silicones, di-Me, reaction products with silica	67762-90-7	Not Listed

**U.S. - CERCLA/SARA - Radionuclides and Their Reportable Quantities**

• Ethylenediamine, N-(3-(trimethoxysilyl)propyl)-	1760-24-3	Not Listed
• Propanol, oxybis-	25265-71-8	Not Listed
• Siloxanes and Silicones, di-Me, reaction products with silica	67762-90-7	Not Listed

**U.S. - CERCLA/SARA - Section 302 Extremely Hazardous Substances EPCRA RQs**

• Ethylenediamine, N-(3-(trimethoxysilyl)propyl)-	1760-24-3	Not Listed
• Propanol, oxybis-	25265-71-8	Not Listed
• Siloxanes and Silicones, di-Me, reaction products with silica	67762-90-7	Not Listed

**U.S. - CERCLA/SARA - Section 302 Extremely Hazardous Substances TPQs**

• Ethylenediamine, N-(3-(trimethoxysilyl)propyl)-	1760-24-3	Not Listed
• Propanol, oxybis-	25265-71-8	Not Listed
• Siloxanes and Silicones, di-Me, reaction products with silica	67762-90-7	Not Listed

**U.S. - CERCLA/SARA - Section 313 - Emission Reporting**

• Ethylenediamine, N-(3-(trimethoxysilyl)propyl)-	1760-24-3	Not Listed
• Propanol, oxybis-	25265-71-8	Not Listed
• Siloxanes and Silicones, di-Me, reaction products with silica	67762-90-7	Not Listed

**U.S. - CERCLA/SARA - Section 313 - PBT Chemical Listing**

• Ethylenediamine, N-(3-(trimethoxysilyl)propyl)-	1760-24-3	Not Listed
• Propanol, oxybis-	25265-71-8	Not Listed
• Siloxanes and Silicones, di-Me, reaction products with silica	67762-90-7	Not Listed

**United States - California****Environment****U.S. - California - Proposition 65 - Carcinogens List**

• Ethylenediamine, N-(3-(trimethoxysilyl)propyl)-	1760-24-3	Not Listed
• Propanol, oxybis-	25265-71-8	Not Listed
• Siloxanes and Silicones, di-Me, reaction products with silica	67762-90-7	Not Listed

**U.S. - California - Proposition 65 - Developmental Toxicity**

• Ethylenediamine, N-(3-(trimethoxysilyl)propyl)-	1760-24-3	Not Listed
• Propanol, oxybis-	25265-71-8	Not Listed
• Siloxanes and Silicones, di-Me, reaction products with silica	67762-90-7	Not Listed

**U.S. - California - Proposition 65 - Maximum Allowable Dose Levels (MADL)**

• Ethylenediamine, N-(3-(trimethoxysilyl)propyl)-	1760-24-3	Not Listed
• Propanol, oxybis-	25265-71-8	Not Listed
• Siloxanes and Silicones, di-Me, reaction products with silica	67762-90-7	Not Listed

**U.S. - California - Proposition 65 - No Significant Risk Levels (NSRL)**

• Ethylenediamine, N-(3-(trimethoxysilyl)propyl)-	1760-24-3	Not Listed
• Propanol, oxybis-	25265-71-8	Not Listed
• Siloxanes and Silicones, di-Me, reaction products with silica	67762-90-7	Not Listed

**U.S. - California - Proposition 65 - Reproductive Toxicity - Female**

• Ethylenediamine, N-(3-(trimethoxysilyl)propyl)-	1760-24-3	Not Listed
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• Propanol, oxybis-	25265-71-8	Not Listed
• Siloxanes and Silicones, di-Me, reaction products with silica	67762-90-7	Not Listed
<b>U.S. - California - Proposition 65 - Reproductive Toxicity - Male</b>		
• Ethylenediamine, N-(3-(trimethoxysilyl)propyl)-	1760-24-3	Not Listed
• Propanol, oxybis-	25265-71-8	Not Listed
• Siloxanes and Silicones, di-Me, reaction products with silica	67762-90-7	Not Listed

## United States - Pennsylvania

### Labor

#### U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List

• Ethylenediamine, N-(3-(trimethoxysilyl)propyl)-	1760-24-3	Not Listed
• Propanol, oxybis-	25265-71-8	Not Listed
• Siloxanes and Silicones, di-Me, reaction products with silica	67762-90-7	Not Listed

#### U.S. - Pennsylvania - RTK (Right to Know) - Special Hazardous Substances

• Ethylenediamine, N-(3-(trimethoxysilyl)propyl)-	1760-24-3	Not Listed
• Propanol, oxybis-	25265-71-8	Not Listed
• Siloxanes and Silicones, di-Me, reaction products with silica	67762-90-7	Not Listed

## 15.2 Chemical Safety Assessment

- No Chemical Safety Assessment has been carried out.

## Section 16 - Other Information

<b>Last Revision Date</b>	• 30/October/2014
<b>Preparation Date</b>	• 13/April/2009
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### Key to abbreviations

NDA = No data available