

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

Product form : Mixture
 Product name : 25-001400 SEALER ACTIVATOR
 Product code : US30508

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

Use of the substance/mixture : Polyester resin coating with specific properties for manufacturing diverse parts.

1.3. Details of the supplier of the safety data sheet

A. Schulman Inc
 3637 Rdgewood Road
 Fairlawn, OH 44333

Customer service phone : 1-800-54-RESIN

Regulatory Information Contact : ea@us.aschulman.com

1.4. Emergency telephone number

Emergency number : For Chemical Emergency Spill, Leak, Fire, Exposure, or Accident Call CHEMTREC Day or Night
 Within USA and Canada: 1-800-424-9300 CCN707712
 Outside USA and Canada: +1 703-741-5970 (collect calls accepted)

SECTION 2: Hazards identification**2.1. Classification of the substance or mixture**

GHS-US classification

Acute Tox. 2 (Inhalation:dust,mist)
 Skin Corr. 1B
 Eye Dam. 1
 Skin Sens. 1
 Repr. 2
 STOT SE 3

2.2. Label elements

GHS-US labeling

Hazard pictograms (GHS-US) :



Signal word (GHS-US) :

: Danger

Hazard statements (GHS-US) :

: Causes severe skin burns and eye damage
 May cause an allergic skin reaction
 Causes serious eye damage
 Fatal if inhaled
 May cause respiratory irritation
 Suspected of damaging fertility or the unborn child

Precautionary statements (GHS-US) :

: Keep away from heat/sparks/open flames/hot surfaces. - No smoking
 Keep cool
 Do not breathe dust/fume/gas/mist/vapors/spray
 Wash ... thoroughly after handling
 Avoid release to the environment
 Wear protective gloves/protective clothing/eye protection/face protection
 Immediately call a poison center/doctor/...
 In case of fire: Use media other than water to extinguish



Store in a well-ventilated place. Keep container tightly closed
Dispose of contents/container to ...

2.3. Other hazards

No additional information available

2.4. Unknown acute toxicity (GHS-US)

Not applicable

SECTION 3: Composition/Information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

Name	Product identifier	%
2,2'-iminodiethylamine, diethylenetriamine	(CAS No) 111-40-0	>= 25
bisphenol A, 4,4'-isopropylidenediphenol	(CAS No) 80-05-7	>= 25
reaction product: bisphenol-A-(epichlorhydrin), epoxy resin (number average molecular weight ≤ 700)	(CAS No) 25068-38-6	>= 25

The specific chemical identity and/or exact percentage (concentration) of the composition has been withheld as a trade secret.

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general	: Move the affected person away from the contaminated area. Immediately consult a doctor/medical service. If possible, show him this sheet. Failing this, show him the packaging or label. Do not leave affected person unattended.
First-aid measures after inhalation	: Call a physician immediately. If unconscious place in recovery position and seek medical advice.
First-aid measures after skin contact	: After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water. Rinse immediately with plenty of water for 15 minutes. If symptoms persist, call a physician.
First-aid measures after eye contact	: Remove contact lenses, if present and easy to do. Continue rinsing. Rinse immediately and thoroughly, pulling the eyelids well away from the eye (15 minutes minimum). If eye irritation persists, consult a specialist.
First-aid measures after ingestion	: In all cases of doubt, or when symptoms persist, seek medical advice. IF SWALLOWED: rinse mouth. Do NOT induce vomiting. Do not give milk.

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

Symptoms/injuries after inhalation	: Fatal if inhaled.
Symptoms/injuries after skin contact	: May cause sensitization of susceptible persons by skin contact.
Symptoms/injuries after eye contact	: Causes serious eye damage.
Symptoms/injuries after ingestion	: May cause burns or irritation of the linings of the mouth, throat, and gastrointestinal tract.

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

If you feel unwell, seek medical advice.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	: Alcohol resistant foam. dry chemical powder. Carbon dioxide.
Unsuitable extinguishing media	: high volume water jet.

5.2. Special hazards arising from the substance or mixture

Fire hazard	: Do not allow run-off from fire fighting to enter drains or water courses.
Reactivity	: Stable under normal conditions.



5.3. Advice for firefighters

- Firefighting instructions : Comply with local regulations for disposal.
- Protection during firefighting : In case of fire: Wear self-contained breathing apparatus.
- Other information : Use water spray/stream to protect personnel and to cool endangered containers. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

- Protective equipment : Wear suitable protective clothing.
- Emergency procedures : Remove all sources of ignition. Ensure adequate ventilation. Evacuate personnel to a safe area. Special attention should be given to low areas/pits where flammable vapors can accumulate.

6.1.2. For emergency responders

No additional information available

6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

- For containment : Collect the residue by means of a non-combustible absorbent material. Collect all waste in suitable and labeled containers and dispose according to local legislation.
- Methods for cleaning up : Collect spillage. Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Store in a well-ventilated place. Keep container tightly closed.

6.4. Reference to other sections

See Heading 8.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

- Additional hazards when processed : Use isolated drainage to prevent discharge to soil. Take precautionary measures against static discharge. The product may charge electrostatically: use earthing leads when transferring from one container to another. In order to rule out potential electrostatic discharge production, the system must be adequately grounded.
- Precautions for safe handling : Do not exceed the occupational exposure limits (OEL). Avoid contact with skin and eyes. Provide sufficient air exchange and/or exhaust. Provide good ventilation in process area to prevent formation of vapor.
- Hygiene measures : Do not eat, drink or smoke when using this product.

7.2. Conditions for safe storage, including any incompatibilities

- Storage conditions : Store in a dry, well ventilated place away from sources of heat, ignition and direct sunlight. Containers which are opened should be properly resealed and kept upright to prevent leakage.
- Storage temperature : < 25 °C
- Heat-ignition : This material can be ignited by heat, sparks, flames, or other sources of ignition (e.g., static electricity, pilot lights, mechanical/electrical equipment, and electronic devices such as cell phones, computers, calculators, and pagers which have not been. Explosion-proof electrical equipment and grounded lighting. Electrical equipment should be protected to the appropriate standard.

7.3. Specific end use(s)

(Read the technical data sheet).

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

25-001400 SEALER ACTIVATOR	
ACGIH	Not applicable
OSHA	Not applicable



bisphenol A, 4,4'-isopropylidenediphenol (80-05-7)		
ACGIH	Not applicable	
OSHA	Not applicable	
2,2'-iminodiethylamine, diethylenetriamine (111-40-0)		
ACGIH	ACGIH TWA (ppm)	1 ppm
NIOSH	NIOSH REL (TWA) (mg/m³)	4 mg/m³
NIOSH	NIOSH REL (TWA) (ppm)	1 ppm
OSHA	Not applicable	
reaction product: bisphenol-A-(epichlorhydrin), epoxy resin (number average molecular weight ≤ 700) (25068-38-6)		
ACGIH	Not applicable	
OSHA	Not applicable	

8.2. Exposure controls

Materials for protective clothing	: Chemical resistant safety shoes. Overall.
Hand protection	: Wear suitable gloves. PVC gloves. A waterproof cream can protect exposed skin parts. Do not use if contact has already taken place. In the case of wanting to use the gloves again, clean them before taking off and air them well. Before removing gloves clean them with soap and water. Replace when worn.
Eye protection	: Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Do not wear contact lenses. Wear tight fitting safety glasses or facial screen.
Skin and body protection	: Wear anti-static footwear and clothing. Tight protective clothing required. Only wear fitting, comfortable and clean protective clothing. Wash clothing before re-using. Avoid contact with skin. May cause sensitization of susceptible persons by skin contact.
Respiratory protection	: In case of insufficient ventilation, wear suitable respiratory equipment. If excessive exposure exists, use only approved air-purifying or supplied air respirator operated in a positive pressure mode. Consult supplier for specific recommendations.
Environmental exposure controls	: Do not empty into drains.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Color	: BROWN
Odor	: Pungent
Odor threshold	: No data available
pH	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: 270 °C
Flash point	: 98 °C
Relative evaporation rate (butyl acetate=1)	: No data available
Flammability (solid, gas)	: No data available
Explosion limits	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available
Vapor pressure	: No data available
Relative density	: No data available
Relative vapor density at 20 °C	: No data available
Solubility	: No data available



Log Pow	: No data available
Log Kow	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity	: No data available
Viscosity, kinematic	: > 20,5 mm ² /s
Viscosity, dynamic	: No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity**10.1. Reactivity**

Stable under normal conditions.

10.2. Chemical stability

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

10.3. Possibility of hazardous reactions

vapors may form explosive mixture with air.

10.4. Conditions to avoid

No additional information available

10.5. Incompatible materials

Strong acids. Strong bases. Oxidizing agents. Peroxides.

10.6. Hazardous decomposition products

Stable under normal conditions.

SECTION 11: Toxicological information**11.1. Information on toxicological effects**

Acute toxicity : Inhalation:dust,mist: Fatal if inhaled.

25-001400 SEALER ACTIVATOR	
ATE US (dust, mist)	0,102 mg/l/4h
bisphenol A, 4,4'-isopropylidenediphenol (80-05-7)	
LD50 oral rat	5000 mg/kg
LD50 dermal rabbit	3000 mg/kg
ATE US (oral)	5000,000 mg/kg body weight
ATE US (dermal)	3000,000 mg/kg body weight
2,2'-iminodiethylamine, diethylenetriamine (111-40-0)	
LD50 oral rat	1553 mg/kg
LD50 dermal rabbit	1045 mg/kg
LC50 inhalation rat (mg/l)	70 mg/l/4h
ATE US (oral)	1553,000 mg/kg body weight
ATE US (dermal)	1045,000 mg/kg body weight
ATE US (dust, mist)	0,050 mg/l/4h

Skin corrosion/irritation	: Causes severe skin burns and eye damage.
Serious eye damage/irritation	: Causes serious eye damage.
Respiratory or skin sensitization	: May cause an allergic skin reaction.
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified



Reproductive toxicity	: Suspected of damaging fertility or the unborn child.
Specific target organ toxicity (single exposure)	: May cause respiratory irritation.
Specific target organ toxicity (repeated exposure)	: Not classified
Aspiration hazard	: Not classified
Symptoms/injuries after inhalation	: Fatal if inhaled.
Symptoms/injuries after skin contact	: May cause sensitization of susceptible persons by skin contact.
Symptoms/injuries after eye contact	: Causes serious eye damage.
Symptoms/injuries after ingestion	: May cause burns or irritation of the linings of the mouth, throat, and gastrointestinal tract.

SECTION 12: Ecological information

12.1. Toxicity

bisphenol A, 4,4'-isopropylidenediphenol (80-05-7)	
LC50 fish 1	9,4 mg/l
EC50 Daphnia 1	10,2 mg/l
ErC50 (algae)	1,4 mg/l
NOEC chronic fish	> 0,1 mg/l
NOEC chronic crustacea	3,16 mg/l
2,2'-iminodiethylamine, diethylenetriamine (111-40-0)	
LC50 fish 1	430 mg/l
EC50 Daphnia 1	16 mg/l
ErC50 (algae)	187 mg/l
NOEC chronic fish	> 10 mg/l
NOEC chronic crustacea	5,6 mg/l

12.2. Persistence and degradability

25-001400 SEALER ACTIVATOR	
Persistence and degradability	No data available.

12.3. Bioaccumulative potential

25-001400 SEALER ACTIVATOR	
Bioaccumulative potential	No data available.
bisphenol A, 4,4'-isopropylidenediphenol (80-05-7)	
Log Pow	3,4
2,2'-iminodiethylamine, diethylenetriamine (111-40-0)	
Log Pow	-1,5 (calculated value)

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Other adverse effects	: No data available.
Effect on the global warming	: No known ecological damage caused by this product.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Regional legislation (waste)	: Disposal must be done according to official regulations. Hazardous waste. Solvent.
Sewage disposal recommendations	: Do not allow to enter into surface water or drains.

Waste disposal recommendations

: Dispose of this material and its container to hazardous or special waste collection point. Handle contaminated packages in the same way as the substance itself.

SECTION 14: Transport information

Department of Transportation (DOT)

In accordance with DOT

Transport document description : UN2735 Polyamines, liquid, corrosive, n.o.s., 8, II

UN-No.(DOT) : UN2735

Proper Shipping Name (DOT) : Polyamines, liquid, corrosive, n.o.s.

Transport hazard class(es) (DOT) : 8 - Class 8 - Corrosive material 49 CFR 173.136

Hazard labels (DOT) : 8 - Corrosive



Packing group (DOT) : II - Medium Danger

DOT Packaging Non Bulk (49 CFR 173.xxx) : 202

DOT Packaging Bulk (49 CFR 173.xxx) : 242

DOT Symbols : G - Identifies PSN requiring a technical name

DOT Special Provisions (49 CFR 172.102) : B2 - MC 300, MC 301, MC 302, MC 303, MC 305, and MC 306 and DOT 406 cargo tanks are not authorized.

IB2 - Authorized IBCs: Metal (31A, 31B and 31N); Rigid plastics (31H1 and 31H2); Composite (31HZ1). Additional Requirement: Only liquids with a vapor pressure less than or equal to 110 kPa at 50 C (1.1 bar at 122 F), or 130 kPa at 55 C (1.3 bar at 131 F) are authorized.

T11 - 6 178.274(d)(2) Normal 178.275(d)(3)

TP1 - The maximum degree of filling must not exceed the degree of filling determined by the following: Degree of filling = $97 / 1 + a (tr - tf)$ Where: tr is the maximum mean bulk temperature during transport, and tf is the temperature in degrees celsius of the liquid during filling.

TP27 - A portable tank having a minimum test pressure of 4 bar (400 kPa) may be used provided the calculated test pressure is 4 bar or less based on the MAWP of the hazardous material, as defined in 178.275 of this subchapter, where the test pressure is 1.5 times the MAWP.

DOT Packaging Exceptions (49 CFR 173.xxx) : 154

DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27) : 1 L

DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75) : 30 L

DOT Vessel Stowage Location : A - The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel.

DOT Vessel Stowage Other : 52 - Stow "separated from" acids

Additional information

Other information : No supplementary information available.

Transport by sea

UN-No. (IMDG) : 2735

Proper Shipping Name (IMDG) : POLYAMINES, LIQUID, CORROSIVE, N.O.S.

Class (IMDG) : 8 - Corrosive substances

Packing group (IMDG) : II - substances presenting medium danger

Air transport

UN-No. (IATA) : 2735

Proper Shipping Name (IATA) : POLYAMINES, LIQUID, CORROSIVE, N.O.S.



Class (IATA)

: 8 - Corrosives

Packing group (IATA)

: II - Medium Danger

SECTION 15: Regulatory information**15.1. US Federal regulations**

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

Chemical(s) subject to the reporting requirements of Section 313 or Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372.

bisphenol A, 4,4'-isopropylidenediphenol	CAS No 80-05-7	>= 25
bisphenol A, 4,4'-isopropylidenediphenol (80-05-7)		
Subject to reporting requirements of United States SARA Section 313		
EPA TSCA Regulatory Flag	T - T - indicates a substance that is the subject of a Section 4 test rule under TSCA.	
SARA Section 313 - Emission Reporting	1,0 %	
2,2'-iminodiethylamine, diethylenetriamine (111-40-0)		
EPA TSCA Regulatory Flag	T - T - indicates a substance that is the subject of a Section 4 test rule under TSCA.	

15.2. International regulations**CANADA**

bisphenol A, 4,4'-isopropylidenediphenol (80-05-7)	
Listed on the Canadian DSL (Domestic Substances List)	
WHMIS Classification	Class D Division 2 Subdivision A - Very toxic material causing other toxic effects Class D Division 2 Subdivision B - Toxic material causing other toxic effects
2,2'-iminodiethylamine, diethylenetriamine (111-40-0)	
Listed on the Canadian DSL (Domestic Substances List)	
WHMIS Classification	Class D Division 2 Subdivision B - Toxic material causing other toxic effects Class E - Corrosive Material
reaction product: bisphenol-A-(epichlorhydrin), epoxy resin (number average molecular weight ≤ 700) (25068-38-6)	
Listed on the Canadian DSL (Domestic Substances List)	
WHMIS Classification	Class D Division 2 Subdivision B - Toxic material causing other toxic effects

National regulations

bisphenol A, 4,4'-isopropylidenediphenol (80-05-7)	
Listed on the AICS (the Australian Inventory of Chemical Substances)	
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)	
Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory	
Listed on the Korean ECL (Existing Chemicals List)	
Listed on NZIoC (New Zealand Inventory of Chemicals)	
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)	
Japanese Pollutant Release and Transfer Register Law (PRTR Law)	
Listed on the Canadian IDL (Ingredient Disclosure List)	
Listed on INSQ (Mexican national Inventory of Chemical Substances)	
Listed on CICR (Turkish Inventory and Control of Chemicals)	
2,2'-iminodiethylamine, diethylenetriamine (111-40-0)	
Listed on the AICS (the Australian Inventory of Chemical Substances)	
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)	
Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory	
Listed on the Korean ECL (Existing Chemicals List)	
Listed on NZIoC (New Zealand Inventory of Chemicals)	
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)	
Listed on the Canadian IDL (Ingredient Disclosure List)	
Listed on INSQ (Mexican national Inventory of Chemical Substances)	
Listed on CICR (Turkish Inventory and Control of Chemicals)	

**reaction product: bisphenol-A-(epichlorhydrin), epoxy resin (number average molecular weight \leq 700) (25068-38-6)**

Listed on the AICS (the Australian Inventory of Chemical Substances)
 Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)
 Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory
 Listed on the Korean ECL (Existing Chemicals List)
 Listed on NZIoC (New Zealand Inventory of Chemicals)
 Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)
 Listed on CIGR (Turkish Inventory and Control of Chemicals)

15.3. US State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

bisphenol A, 4,4'-isopropylidenediphenol (80-05-7)

U.S. - California - Toxic Air Contaminant List (AB 1807, AB 2728)
 U.S. - Massachusetts - Right To Know List
 U.S. - Massachusetts - Toxics Use Reduction Act
 U.S. - New Jersey - Discharge Prevention - List of Hazardous Substances
 U.S. - New Jersey - Environmental Hazardous Substances List
 U.S. - New Jersey - Right to Know Hazardous Substance List
 U.S. - California - Safer Consumer Products - Initial List of Candidate Chemicals and Chemical Groups
 U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List
 U.S. - Pennsylvania - RTK (Right to Know) List

2,2'-iminodiethylamine, diethylenetriamine (111-40-0)

U.S. - Massachusetts - Right To Know List
 U.S. - New Jersey - Right to Know Hazardous Substance List
 U.S. - New Jersey - Special Health Hazards Substances List
 U.S. - Pennsylvania - RTK (Right to Know) List

SECTION 16: Other information

Revision date : 11/01/2016 00:00:00
 Version : 1.5
 SDS Major/Minor : None

To the best of our knowledge, the information contained in this statement is accurate and reliable as of the date of publication. The information relates only to the product specifically identified in this document when not used in combination with any other products or materials. A. Schulman makes no warranties, express or implied, and assumes no liability in connection with any use of this information.

Upon sale of A. Schulman products, A. Schulman warrants that the products conform to the applicable written specifications at the time the products are shipped from A. Schulman's facility. All other express or implied warranties, including, without limitation, the implied warranties of merchantability and fitness for a particular purpose, are disclaimed.

Purchaser acknowledges that it has sole control and responsibility to ensure, on a continuing basis, that the products and any method of use or application of the products are suitable for its purposes. Any assistance provided by A. Schulman to purchaser relative to the product, including without limitation, formulation, manufacturing and testing for the use or application of the products for purchaser's purposes, is made without any express or implied warranties, including, without limitation, the implied warranties of merchantability and fitness for a particular purpose.

A. Schulman will not be liable for consequential or indirect damages and purchaser's exclusive remedy for claims (including claims for breach of warranty, negligence and strict liability) is limited to the replacement of the non-conforming products or, at purchaser's election, the refund of the purchase price of the non-conforming products or, with regard to services, to re-process purchaser's materials.

END OF SAFETY DATA SHEET

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

Product form : Mixture
 Product name : 25-001500 SEALER RESIN
 Product code : US30510

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

Use of the substance/mixture : Polyester resin coating with specific properties for manufacturing diverse parts.

1.3. Details of the supplier of the safety data sheet

A. Schulman Inc
 3637 Rdgewood Road
 Fairlawn, OH 44333

Customer service phone : 1-800-54-RESIN

Regulatory Information Contact : ea@us.aschulman.com

1.4. Emergency telephone number

Emergency number : For Chemical Emergency Spill, Leak, Fire, Exposure, or Accident Call CHEMTREC Day or Night
 Within USA and Canada: 1-800-424-9300 CCN707712
 Outside USA and Canada: +1 703-741-5970 (collect calls accepted)

SECTION 2: Hazards identification**2.1. Classification of the substance or mixture**

GHS-US classification

Skin Irrit. 2
 Eye Irrit. 2A
 Skin Sens. 1

2.2. Label elements

GHS-US labeling

Hazard pictograms (GHS-US) :



Signal word (GHS-US) : Warning

Hazard statements (GHS-US) : Causes skin irritation
 May cause an allergic skin reaction
 Causes serious eye irritation

Precautionary statements (GHS-US) : Keep away from heat/sparks/open flames/hot surfaces. - No smoking
 Keep cool
 Do not breathe dust/fume/gas/mist/vapors/spray
 Wash ... thoroughly after handling
 Avoid release to the environment
 Wear protective gloves/protective clothing/eye protection/face protection
 Immediately call a poison center/doctor/...
 In case of fire: Use media other than water to extinguish
 Store in a well-ventilated place. Keep container tightly closed
 Dispose of contents/container to ...

**2.3. Other hazards**

No additional information available

2.4. Unknown acute toxicity (GHS-US)

Not applicable

SECTION 3: Composition/Information on ingredients**3.1. Substance**

Not applicable

3.2. Mixture

Name	Product identifier	%
reaction product: bisphenol-A-(epichlorhydrin), epoxy resin (number average molecular weight \leq 700)	(CAS No) 25068-38-6	\geq 25
1,6-Hexanediol diacrylate	(CAS No) 13048-33-4	10 - 25

The specific chemical identity and/or exact percentage (concentration) of the composition has been withheld as a trade secret.

SECTION 4: First aid measures**4.1. Description of first aid measures**

First-aid measures general	: Move the affected person away from the contaminated area. Immediately consult a doctor/medical service. If possible, show him this sheet. Failing this, show him the packaging or label. Do not leave affected person unattended.
First-aid measures after inhalation	: Call a physician immediately. If unconscious place in recovery position and seek medical advice.
First-aid measures after skin contact	: After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water. Rinse immediately with plenty of water for 15 minutes. If symptoms persist, call a physician.
First-aid measures after eye contact	: Remove contact lenses, if present and easy to do. Continue rinsing. Rinse immediately and thoroughly, pulling the eyelids well away from the eye (15 minutes minimum). If eye irritation persists, consult a specialist.
First-aid measures after ingestion	: In all cases of doubt, or when symptoms persist, seek medical advice. IF SWALLOWED: rinse mouth. Do NOT induce vomiting. Do not give milk.

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

Symptoms/injuries after inhalation	: May cause drowsiness or dizziness. Headache.
Symptoms/injuries after skin contact	: Skin irritation, dermatitis and sensitization. May cause sensitization of susceptible persons by skin contact.
Symptoms/injuries after eye contact	: Causes serious eye irritation.
Symptoms/injuries after ingestion	: May cause burns or irritation of the linings of the mouth, throat, and gastrointestinal tract.

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

If you feel unwell, seek medical advice.

SECTION 5: Firefighting measures**5.1. Extinguishing media**

Suitable extinguishing media	: Alcohol resistant foam. dry chemical powder. Carbon dioxide.
Unsuitable extinguishing media	: high volume water jet.

5.2. Special hazards arising from the substance or mixture

Fire hazard	: Do not allow run-off from fire fighting to enter drains or water courses.
Reactivity	: Stable under normal conditions.

5.3. Advice for firefighters

Firefighting instructions	: Comply with local regulations for disposal.
Protection during firefighting	: In case of fire: Wear self-contained breathing apparatus.
Other information	: Use water spray/stream to protect personnel and to cool endangered containers. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures****6.1.1. For non-emergency personnel**

- Protective equipment : Wear suitable protective clothing.
- Emergency procedures : Remove all sources of ignition. Ensure adequate ventilation. Evacuate personnel to a safe area. Special attention should be given to low areas/pits where flammable vapors can accumulate.

6.1.2. For emergency responders

No additional information available

6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

- For containment : Collect the residue by means of a non-combustible absorbent material. Collect all waste in suitable and labeled containers and dispose according to local legislation.
- Methods for cleaning up : Collect spillage. Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Store in a well-ventilated place. Keep container tightly closed.

6.4. Reference to other sections

See Heading 8.

SECTION 7: Handling and storage**7.1. Precautions for safe handling**

- Additional hazards when processed : Use isolated drainage to prevent discharge to soil. Take precautionary measures against static discharge. The product may charge electrostatically: use earthing leads when transferring from one container to another. In order to rule out potential electrostatic discharge production, the system must be adequately grounded.
- Precautions for safe handling : Do not exceed the occupational exposure limits (OEL). Avoid contact with skin and eyes. Provide sufficient air exchange and/or exhaust. Provide good ventilation in process area to prevent formation of vapor.
- Hygiene measures : Do not eat, drink or smoke when using this product.

7.2. Conditions for safe storage, including any incompatibilities

- Storage conditions : Store in a dry, well ventilated place away from sources of heat, ignition and direct sunlight. Containers which are opened should be properly resealed and kept upright to prevent leakage.
- Storage temperature : < 25 °C
- Heat-ignition : This material can be ignited by heat, sparks, flames, or other sources of ignition (e.g., static electricity, pilot lights, mechanical/electrical equipment, and electronic devices such as cell phones, computers, calculators, and pagers which have not been. Explosion-proof electrical equipment and grounded lighting. Electrical equipment should be protected to the appropriate standard.

7.3. Specific end use(s)

(Read the technical data sheet).

SECTION 8: Exposure controls/personal protection**8.1. Control parameters**

25-001500 SEALER RESIN	
ACGIH	Not applicable
OSHA	Not applicable
1,6-Hexanediol diacrylate (13048-33-4)	
ACGIH	Not applicable
OSHA	Not applicable



reaction product: bisphenol-A-(epichlorhydrin), epoxy resin (number average molecular weight ≤ 700) (25068-38-6)	
ACGIH	Not applicable
OSHA	Not applicable

8.2. Exposure controls

Materials for protective clothing	: Chemical resistant safety shoes. Overall.
Hand protection	: Wear suitable gloves. PVC gloves. A waterproof cream can protect exposed skin parts. Do not use if contact has already taken place. In the case of wanting to use the gloves again, clean them before taking off and air them well. Before removing gloves clean them with soap and water. Replace when worn.
Eye protection	: Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Safety glasses with side shields. Do not wear contact lenses.
Skin and body protection	: Wear anti-static footwear and clothing. Tight protective clothing required. Only wear fitting, comfortable and clean protective clothing. Wash clothing before re-using. Avoid contact with skin. May cause sensitization of susceptible persons by skin contact.
Respiratory protection	: In case of insufficient ventilation, wear suitable respiratory equipment. If excessive exposure exists, use only approved air-purifying or supplied air respirator operated in a positive pressure mode. Consult supplier for specific recommendations.
Environmental exposure controls	: Do not empty into drains.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Color	: NATURAL
Odor	: Pungent
Odor threshold	: No data available
pH	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: 200 °C
Flash point	: 254 °C
Relative evaporation rate (butyl acetate=1)	: No data available
Flammability (solid, gas)	: No data available
Explosion limits	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available
Vapor pressure	: No data available
Relative density	: No data available
Relative vapor density at 20 °C	: No data available
Solubility	: No data available
Log Pow	: No data available
Log Kow	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity	: No data available
Viscosity, kinematic	: > 20,5 mm ² /s
Viscosity, dynamic	: No data available

9.2. Other information

No additional information available



SECTION 10: Stability and reactivity

10.1. Reactivity

Stable under normal conditions.

10.2. Chemical stability

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

10.3. Possibility of hazardous reactions

vapors may form explosive mixture with air.

10.4. Conditions to avoid

No additional information available

10.5. Incompatible materials

Strong acids. Strong bases. Oxidizing agents. Peroxides.

10.6. Hazardous decomposition products

Stable under normal conditions.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified

1,6-Hexanediol diacrylate (13048-33-4)	
LD50 oral rat	5 g/kg
ATE US (oral)	5000,000 mg/kg body weight

Skin corrosion/irritation : Causes skin irritation.

Serious eye damage/irritation : Causes serious eye irritation.

Respiratory or skin sensitization : May cause an allergic skin reaction.

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 drowsiness or dizziness. Headache.

Symptoms/injuries after skin contact : Skin irritation, dermatitis and sensitization. May cause sensitization of susceptible persons by skin contact.

Symptoms/injuries after eye contact : Causes serious eye irritation.

Symptoms/injuries after ingestion : May cause burns or irritation of the linings of the mouth, throat, and gastrointestinal tract.

SECTION 12: Ecological information

12.1. Toxicity

No additional information available

12.2. Persistence and degradability

25-001500 SEALER RESIN	
Persistence and degradability	No data available.

**12.3. Bioaccumulative potential****25-001500 SEALER RESIN**

Bioaccumulative potential	No data available.
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12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Other adverse effects : No data available.

Effect on the global warming : No known ecological damage caused by this product.

SECTION 13: Disposal considerations**13.1. Waste treatment methods**

Regional legislation (waste) : Disposal must be done according to official regulations. Hazardous waste. Solvent.

Sewage disposal recommendations : Do not allow to enter into surface water or drains.

Waste disposal recommendations : Dispose of this material and its container to hazardous or special waste collection point. Handle contaminated packages in the same way as the substance itself.

SECTION 14: Transport information**Department of Transportation (DOT)**

In accordance with DOT

No dangerous good in sense of transport regulations

Additional information

Other information : No supplementary information available.

Transport by sea

UN-No. (IMDG) : 3082

Proper Shipping Name (IMDG) : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

Class (IMDG) : 9 - Miscellaneous dangerous compounds

Packing group (IMDG) : III - substances presenting low danger

Subsidiary risks (IMDG) : Marine Pollutant

Air transport

UN-No. (IATA) : 3082

Proper Shipping Name (IATA) : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

Class (IATA) : 9 - Miscellaneous Dangerous Goods

Packing group (IATA) : III - Minor Danger

SECTION 15: Regulatory information**15.1. US Federal regulations**

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

This product or mixture does not contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) 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.

15.2. International regulations**CANADA**

**1,6-Hexanediol diacrylate (13048-33-4)**

Listed on the Canadian DSL (Domestic Substances List)

WHMIS Classification Class D Division 2 Subdivision B - Toxic material causing other toxic effects

reaction product: bisphenol-A-(epichlorhydrin), epoxy resin (number average molecular weight ≤ 700) (25068-38-6)

Listed on the Canadian DSL (Domestic Substances List)

WHMIS Classification Class D Division 2 Subdivision B - Toxic material causing other toxic effects

National regulations

1,6-Hexanediol diacrylate (13048-33-4)

Listed on the AICS (the Australian Inventory of Chemical Substances)
 Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)
 Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory
 Listed on the Japanese ISHL (Industrial Safety and Health Law)
 Listed on the Korean ECL (Existing Chemicals List)
 Listed on NZIoC (New Zealand Inventory of Chemicals)
 Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)
 Japanese Pollutant Release and Transfer Register Law (PRTR Law)
 Listed on INSQ (Mexican national Inventory of Chemical Substances)
 Listed on CICR (Turkish Inventory and Control of Chemicals)

reaction product: bisphenol-A-(epichlorhydrin), epoxy resin (number average molecular weight ≤ 700) (25068-38-6)

Listed on the AICS (the Australian Inventory of Chemical Substances)
 Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)
 Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory
 Listed on the Korean ECL (Existing Chemicals List)
 Listed on NZIoC (New Zealand Inventory of Chemicals)
 Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)
 Listed on CICR (Turkish Inventory and Control of Chemicals)

15.3. US State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

SECTION 16: Other information

Revision date : 11/01/2016 00:00:00
 Version : 1.5
 SDS Major/Minor : None

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END OF SAFETY DATA SHEET



A. Schulman

25-705500 SEALER FILLER

Safety Data Sheet

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

Date of issue: 08/04/2015

Revision date: 10/12/2015

Version: 1.3

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product form : Mixture
Product name : 25-705500 SEALER FILLER
Product code : US30511

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

Use of the substance/mixture : Manufacture of plastics products, including compounding and conversion

1.3. Details of the supplier of the safety data sheet

A. Schulman Inc
3637 Rdgewood Road
Fairlawn, OH 44333

Customer service phone : 1-800-54-RESIN

Regulatory Information Contact : ea@us.aschulman.com

1.4. Emergency telephone number

Emergency number : For Chemical Emergency Spill, Leak, Fire, Exposure, or Accident Call CHEMTREC Day or Night
Within USA and Canada: 1-800-424-9300 CCN707712
Outside USA and Canada: +1 703-741-5970 (collect calls accepted)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

GHS-US classification

Muta. 2
Carc. 1B
Repr. 2
STOT RE 1

2.2. Label elements

GHS-US labeling

Hazard pictograms (GHS-US)



Signal word (GHS-US) : Danger

Hazard statements (GHS-US) : Suspected of causing genetic defects
May cause cancer
Suspected of damaging fertility or the unborn child
Causes damage to organs through prolonged or repeated exposure

Precautionary statements (GHS-US) : Obtain special instructions before use
Do not handle until all safety precautions have been read and understood
Do not breathe dust, fume, gas, mist, spray, vapors
Wash hands, forearms and face thoroughly after handling
Do not eat, drink or smoke when using this product
Wear protective clothing, protective gloves, eye protection
If exposed or concerned: Get medical advice/attention
Get medical advice/attention if you feel unwell
Store locked up
Dispose of contents/container to an approved waste disposal plant

**2.3. Other hazards**

Other hazards not contributing to the classification

: In case of insufficient ventilation and/or through use, explosive/highly flammable mixtures may develop. This material can accumulate static charge by flow or agitation and can be ignited by static discharge.

2.4. Unknown acute toxicity (GHS-US)

Not applicable

SECTION 3: Composition/Information on ingredients**3.1. Substance**

Not applicable

3.2. Mixture

Name	Product identifier	%
Quartz (SiO ₂): 1-10% fine fracion	(CAS No) 14808-60-7	>= 25
cadmium sulphide	(CAS No) 1306-23-6	10 - 25

The specific chemical identity and/or exact percentage (concentration) of the composition has been withheld as a trade secret.

SECTION 4: First aid measures**4.1. Description of first aid measures**

First-aid measures general

: In all cases of doubt, or when symptoms persist, seek medical advice.

First-aid measures after inhalation

: Remove casualty to fresh air and keep warm and at rest.

First-aid measures after skin contact

: After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water and soap. After contact with molten product, cool skin area rapidly with cold water. Do not peel solidified product off the skin.

First-aid measures after eye contact

: Rinse cautiously with water for several minutes. If eye irritation persists, consult a specialist.

First-aid measures after ingestion

: IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

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

Symptoms/injuries after inhalation

: Inhalation of dust may cause irritation of the respiratory system.

Symptoms/injuries after skin contact

: The melted product can cause severe burns.

Symptoms/injuries after eye contact

: If eye irritation persists: Get medical advice/attention.

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

Treat symptomatically.

SECTION 5: Firefighting measures**5.1. Extinguishing media**

Suitable extinguishing media

: Water mist. Foam. Carbon dioxide (CO₂). Dry extinguishing powder.

Unsuitable extinguishing media

: high volume water jet.

5.2. Special hazards arising from the substance or mixture

Fire hazard

: Thermal decomposition can lead to the escape of irritating gases and vapors.

Explosion hazard

: Danger of dust explosion.

Reactivity

: None under normal conditions.

5.3. Advice for firefighters

Precautionary measures fire

: Avoid generation of dust. This material can be ignited by heat, sparks, flames, or other sources of ignition (e.g., static electricity, pilot lights, mechanical/electrical equipment, and electronic devices such as cell phones, computers, calculators, and pagers which have not been).

Firefighting instructions

: Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

Protection during firefighting

: Use personal protective equipment as required.

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures****6.1.1. For non-emergency personnel**

- Protective equipment : Wear suitable protective clothing.
- Emergency procedures : Ensure personnel is aware of the potential hazards of the load and knows what to do in the event of an accident or an emergency.

6.1.2. For emergency responders

No additional information available

6.2. Environmental precautions

Do not allow uncontrolled discharge of product into the environment.

6.3. Methods and material for containment and cleaning up

- Methods for cleaning up : Take up mechanically, placing in appropriate containers for disposal. Avoid generation of dust. Vacuum with an equipment that avoids ignition risk.

6.4. Reference to other sections

No additional information available

SECTION 7: Handling and storage**7.1. Precautions for safe handling**

- Precautions for safe handling : Avoid generation of dust. Provide adequate ventilation. Remove all sources of ignition. Take precautionary measures against static discharges.
- Hygiene measures : Do not eat, drink or smoke when using this product. Wash hands before breaks and after work.

7.2. Conditions for safe storage, including any incompatibilities

- Storage conditions : Take precautionary measures against static discharge. Store in a well-ventilated place. Keep container tightly closed.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection**8.1. Control parameters**

25-705500 SEALER FILLER		
ACGIH	Not applicable	
OSHA	Not applicable	
Quartz (SiO2): 1-10% fine fracion (14808-60-7)		
ACGIH	ACGIH TWA (mg/m³)	0,025 mg/m³ (respirable fraction)
IDLH	US IDLH (mg/m³)	50 mg/m³ (respirable dust)
NIOSH	NIOSH REL (TWA) (mg/m³)	0,05 mg/m³ (respirable dust)
OSHA	Not applicable	
cadmium sulphide (1306-23-6)		
ACGIH	Not applicable	
OSHA	Not applicable	

8.2. Exposure controls

- Appropriate engineering controls : If local exhaust ventilation is not possible or not sufficient, the entire working area must be ventilated by technical means.
- Hand protection : Chloroprene rubber. PVC gloves. nitrile rubber gloves.
- Eye protection : Wear eye/face protection. DIN EN 166.
- Skin and body protection : Normal overalls. Only wear fitting, comfortable and clean protective clothing.



Respiratory protection

: In case of insufficient ventilation, wear suitable respiratory equipment. particle filter device (DIN EN 143). Dust production: dust mask with filter type P1.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Solid
Appearance	: Powder.
Color	: RED
Odor	: odorless
Odor threshold	: No data available
pH	: Not applicable.
Melting point	: No data available
Freezing point	: No data available
Boiling point	: Decomposes before boiling
Flash point	: No data available
Relative evaporation rate (butyl acetate=1)	: Not applicable.
Flammability (solid, gas)	: No data available
Explosion limits	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available
Vapor pressure	: Not applicable.
Relative density	: No data available
Relative vapor density at 20 °C	: Not applicable.
Relative gas density	: Not applicable.
Solubility	: Negligible.
Log Pow	: Not applicable.
Log Kow	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity	: No data available
Viscosity, kinematic	: Not applicable.
Viscosity, dynamic	: Not applicable.

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

None under normal conditions.

10.2. Chemical stability

Stable under normal conditions of use.

10.3. Possibility of hazardous reactions

None known.

10.4. Conditions to avoid

Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Avoid generation of dust.

10.5. Incompatible materials

Strong acid. strong alkalis. Oxidizing agents.

10.6. Hazardous decomposition products

In case of fire: Carbon monoxide. Carbon dioxide.

**SECTION 11: Toxicological information****11.1. Information on toxicological effects**

Acute toxicity : Not classified

cadmium sulphide (1306-23-6)	
LD50 oral rat	890 mg/kg body weight
ATE US (oral)	890,000 mg/kg body weight

Skin corrosion/irritation : Not classified
pH: Not applicable.

Serious eye damage/irritation : Not classified
pH: Not applicable.

Respiratory or skin sensitization : Not classified

Germ cell mutagenicity : Suspected of causing genetic defects.

Carcinogenicity : May cause cancer.

Quartz (SiO2): 1-10% fine fracion (14808-60-7)	
IARC group	1 - Carcinogenic to humans
National Toxicology Program (NTP) Status	2 - Known Human Carcinogens
In OSHA Hazard Communication Carcinogen list	Yes

cadmium sulphide (1306-23-6)	
IARC group	1 - Carcinogenic to humans
In OSHA Hazard Communication Carcinogen list	Yes

Reproductive toxicity : Suspected of damaging fertility or the unborn child.

Specific target organ toxicity (single exposure) : Not classified

Specific target organ toxicity (repeated exposure) : Causes damage to organs through prolonged or repeated exposure.

Aspiration hazard : Not classified

Symptoms/injuries after inhalation : Inhalation of dust may cause irritation of the respiratory system.

Symptoms/injuries after skin contact : The melted product can cause severe burns.

Symptoms/injuries after eye contact : If eye irritation persists: Get medical advice/attention.

SECTION 12: Ecological information**12.1. Toxicity**

No additional information available

12.2. Persistence and degradability

25-705500 SEALER FILLER	
Persistence and degradability	According to experiences this product is inert and not degradable.

12.3. Bioaccumulative potential

25-705500 SEALER FILLER	
Log Pow	Not applicable.
Bioaccumulative potential	No indication of bioaccumulation potential.

12.4. Mobility in soil

25-705500 SEALER FILLER	
Mobility in soil	Due to its low solubility in water the product is almost completely mechanically separated in biological sewage plants.

**12.5. Other adverse effects**

Effect on the global warming : No known ecological damage caused by this product.

SECTION 13: Disposal considerations**13.1. Waste treatment methods**

Regional legislation (waste) : Comply with local regulations for disposal.
 Waste disposal recommendations : Do not empty into drains; dispose of this material and its container in a safe way. Handle contaminated packages in the same way as the substance itself.

SECTION 14: Transport information**Department of Transportation (DOT)**

In accordance with DOT
 No dangerous good in sense of transport regulations

Additional information

Other information : No supplementary information available.

Transport by sea

No additional information available

Air transport

No additional information available

SECTION 15: Regulatory information**15.1. US Federal regulations**

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

Chemical(s) subject to the reporting requirements of Section 313 or Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372.

aluminium oxide	CAS No 1344-28-1	0,1 - 1
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15.2. International regulations**CANADA****Quartz (SiO₂): 1-10% fine fracion (14808-60-7)**

Listed on the Canadian DSL (Domestic Substances List)

WHMIS Classification : Class D Division 2 Subdivision A - Very toxic material causing other toxic effects

cadmium sulphide (1306-23-6)

Listed on the Canadian DSL (Domestic Substances List)

WHMIS Classification : Class D Division 2 Subdivision A - Very toxic material causing other toxic effects

National regulations**Quartz (SiO₂): 1-10% fine fracion (14808-60-7)**

Listed on IARC (International Agency for Research on Cancer)
 Listed on the AICS (the Australian Inventory of Chemical Substances)
 Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)
 Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory
 Listed on the Korean ECL (Existing Chemicals List)
 Listed on NZIoC (New Zealand Inventory of Chemicals)
 Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)
 Listed as carcinogen on NTP (National Toxicology Program)
 Listed on the Canadian IDL (Ingredient Disclosure List)
 Listed on INSQ (Mexican national Inventory of Chemical Substances)
 Listed on CICR (Turkish Inventory and Control of Chemicals)

**cadmium sulphide (1306-23-6)**

Listed on IARC (International Agency for Research on Cancer)
 Listed on the AICS (the Australian Inventory of Chemical Substances)
 Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)
 Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory
 Listed on the Korean ECL (Existing Chemicals List)
 Listed on NZIoC (New Zealand Inventory of Chemicals)
 Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)
 Japanese Poisonous and Deleterious Substances Control Law
 Japanese Pollutant Release and Transfer Register Law (PRTR Law)
 Listed on the Canadian IDL (Ingredient Disclosure List)
 Listed on INSQ (Mexican national Inventory of Chemical Substances)

15.3. US State regulations

California Proposition 65 - This product contains, or may contain, trace quantities of a substance(s) known to the state of California to cause cancer, developmental and/or reproductive harm

Quartz (SiO₂): 1-10% fine fracion (14808-60-7)

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)
Yes	No	No	No	

Quartz (SiO₂): 1-10% fine fracion (14808-60-7)

U.S. - Illinois - Toxic Air Contaminant Carcinogens
 U.S. - Illinois - Toxic Air Contaminants
 U.S. - Massachusetts - Right To Know List
 U.S. - New Jersey - Right to Know Hazardous Substance List
 U.S. - New Jersey - Special Health Hazards Substances List
 U.S. - Pennsylvania - RTK (Right to Know) List

cadmium sulphide (1306-23-6)

U.S. - Massachusetts - Oil & Hazardous Material List - Groundwater Reportable Concentration - Reporting Category 1
 U.S. - Massachusetts - Oil & Hazardous Material List - Groundwater Reportable Concentration - Reporting Category 2
 U.S. - Massachusetts - Oil & Hazardous Material List - Reportable Quantity
 U.S. - Massachusetts - Oil & Hazardous Material List - Soil Reportable Concentration - Reporting Category 1
 U.S. - Massachusetts - Oil & Hazardous Material List - Soil Reportable Concentration - Reporting Category 2
 U.S. - Massachusetts - Right To Know List
 U.S. - New Jersey - Right to Know Hazardous Substance List
 U.S. - New Jersey - Special Health Hazards Substances List
 U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List
 U.S. - Pennsylvania - RTK (Right to Know) - Special Hazardous Substances
 U.S. - Pennsylvania - RTK (Right to Know) List

SECTION 16: Other information

Revision date : 12/10/2015 00:00:00
 Version : 1.3
 SDS Major/Minor : None



A. Schulman

25-705500 SEALER FILLER

Safety Data Sheet

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

Date of issue: 08/04/2015

Revision date: 10/12/2015

Version: 1.3



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END OF SAFETY DATA SHEET