SECTION 1: Identification

Identification

Product name: WEST SYSTEM® SIX10® Part B Hardener
Product code: 610B

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

Recommended use: Curing agent for epoxy resins

Details of the supplier of the safety data sheet

Manufacturer
Gougeon Brothers, Inc
100 Patterson Ave.
Bay City, MI 48706 - U.S.A.
T 866-937-8797 or 989-684-7286
www.westsystem.com

Emergency telephone number

Emergency number: CHEMTREC 1 (800) 424-9300
CHEMTREC International +1 (703) 527-3887 24 hr

SECTION 2: Hazard(s) identification

Classification of the substance or mixture

Skin Corr.: 1B
Eye Dam.: 1
Skin Sens.: 1
Muta.: 2
STOT RE 2
Aquatic Acute 3
Aquatic Chronic 3

Label elements

Hazard pictograms (GHS):

GHS05
GHS07
GHS08

Signal word (GHS):

Danger

Hazard statements (GHS):
Causes severe skin burns and eye damage. May cause an allergic skin reaction. Suspected of causing genetic defects. May cause damage to organs through prolonged or repeated exposure. Harmful to aquatic life with long lasting effects

Precautionary statements (GHS):

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not breathe dust/fume/gas/mist/vapours/spray. Wash hands, forearms and face thoroughly after handling. Contaminated work clothing must not be allowed out of the workplace. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection. IF SWALLOWED: rinse mouth. Do NOT induce vomiting. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. IF INHALED: Remove person to fresh air and keep comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If exposed or concerned: Get medical advice/attention. Immediately call a poison center/doctor. Take off contaminated clothing and wash it before reuse. Store locked up. Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation

Other hazards
No additional information available

Unknown acute toxicity
Not applicable

SECTION 3: Composition/information on ingredients

Substance
Not applicable

Mixtures

<table>
<thead>
<tr>
<th>Name</th>
<th>Product identifier</th>
<th>HPR %</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-Propenitrile, polymer with 1,3-butanediene, 1-cyano-1-methyl-4-oxo-4-[[2,-{1-piperazinyl}ethyl]amino]butyl-terminated</td>
<td>(CAS No) 68683-29-4</td>
<td>10 - 30</td>
</tr>
<tr>
<td>Propylene glycol diamine, 2-amino-, diether with Propylene</td>
<td>(CAS No) 9046-10-0</td>
<td>10 - 30</td>
</tr>
<tr>
<td>Benzyl alcohol</td>
<td>(CAS No) 100-51-6</td>
<td>10 - 30</td>
</tr>
<tr>
<td>Non-hazardous</td>
<td>(CAS No) Trade Secret</td>
<td>7 - 13</td>
</tr>
<tr>
<td>Formaldehyde, polymer with N,N'-bis(2-aminoethyl)-1,2-ethanediame and phenol</td>
<td>(CAS No) 32610-77-8</td>
<td>7 - 13</td>
</tr>
<tr>
<td>Triethylenetetramine</td>
<td>(CAS No) 112-24-3</td>
<td>7 - 13</td>
</tr>
<tr>
<td>Phenol, 2,4,6-tris(dimethylamino)methyl]-, reaction products with triethylenetetramine</td>
<td>(CAS No) 1101788-77-5</td>
<td>1 - 5</td>
</tr>
<tr>
<td>Silica, amorphous, fused, crystalline-free</td>
<td>(CAS No) 112945-52-5</td>
<td>5 - 10</td>
</tr>
<tr>
<td>Phenol</td>
<td>(CAS No) 108-95-2</td>
<td>1 - 5</td>
</tr>
<tr>
<td>1,3-Benzenedimethanamine</td>
<td>(CAS No) 1477-55-0</td>
<td>1 - 5</td>
</tr>
<tr>
<td>Diethylenetriamine-bisphenol A-epichlorohydrin polymer</td>
<td>(CAS No) 31326-29-1</td>
<td>1 - 5</td>
</tr>
<tr>
<td>Diethylenetriamine</td>
<td>(CAS No) 111-40-0</td>
<td>1 - 5</td>
</tr>
</tbody>
</table>

The exact chemical identity and/or exact percentage (concentration) of each ingredient may be held as confidential business information (CBI). Any ingredient not disclosed in this section may have been determined not to be hazardous to health or the environment, or it may be present at a level below its disclosure threshold.

SECTION 4: First aid measures

Description of first aid measures

First-aid measures after inhalation: If inhaled and if breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician.

First-aid measures after skin contact: If ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. Immediately call a POISON CENTER or doctor/physician.

First-aid measures after eye contact: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. If easy to do, remove contact lenses, if worn. Get medical attention immediately.

First-aid measures after ingestion: If swallowed, do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Immediately call a POISON CENTER or doctor/physician.

Most important symptoms and effects, both acute and delayed

Symptoms/injuries after inhalation: May cause respiratory tract irritation.

Symptoms/injuries after skin contact: Causes severe burns. Symptoms may include redness, pain, blisters. May cause an allergic skin reaction.

Symptoms/injuries after eye contact: Causes serious eye damage. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva.

Symptoms/injuries after ingestion: May be harmful if swallowed. May cause burns or irritation of the linings of the mouth, throat, and gastrointestinal tract. May cause stomach distress, nausea or vomiting.

Indication of any immediate medical attention and special treatment needed

Symptoms may not appear immediately. In case of accident or if you feel unwell, seek medical advice immediately (show the label or SDS where possible).

SECTION 5: Firefighting measures

Extinguishing media


Unsuitable extinguishing media: Do not use a heavy water stream.

Special hazards arising from the substance or mixture

Fire hazard: Products of combustion may include, and are not limited to: oxides of carbon, oxides of nitrogen, amines, ammonia, nitric acid, aldehydes, nitrosamines. When mixed with sawdust, wood chips, or other cellulosic material, spontaneous combustion can occur under certain conditions. Heat is generated as the air oxidizes the amine. If the heat is not dissipated quickly enough, it can ignite the sawdust.

Reactivity: No dangerous reaction known under conditions of normal use.
Advice for firefighters

Protection during firefighting : Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA). Use water spray to keep fire-exposed containers cool.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

General measures : Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.

For non-emergency personnel
No additional information available

For emergency responders
No additional information available

Environmental precautions
No additional information available

Methods and material for containment and cleaning up

For containment : Contain and/or absorb spill with inert material (e.g. sand, vermiculite), then place in a suitable container. Do not flush to sewer or allow to enter waterways. Use appropriate Personal Protective Equipment (PPE).

Methods for cleaning up : Scoop up material and place in a disposal container. Provide ventilation.

Reference to other sections
See section 8 for further information on protective clothing and equipment and section 13 for advice on waste disposal.

SECTION 7: Handling and storage

Precautions for safe handling

Hygiene measures : Launder contaminated clothing before reuse. Wash hands before eating, drinking, or smoking.

Conditions for safe storage, including any incompatibilities

Storage conditions : Keep out of the reach of children. Keep container tightly closed. Store in dry, cool, well-ventilated area. Protect from sunlight. Storage temperature : 40°F (4°C) - 90°F (32°C).

SECTION 8: Exposure controls/personal protection

Control parameters

<table>
<thead>
<tr>
<th>Substance</th>
<th>AIHA WEEL</th>
<th>WEEL (mg/m³)</th>
<th>AIHA WEEL</th>
<th>WEEL (ppm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-Propanenitrile, polymer with 1,3-butadiene, 1-cyano-1-methyl-4-oxo-4-[[2-(1-piperazinyl)ethyl]amino]butyl-terminated (68683-29-4)</td>
<td>Not applicable</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Propylene glycol diamine, 2-amino-, diether with Propylene (9046-10-0)</td>
<td>Not applicable</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Benzyl alcohol (100-51-6)</td>
<td>WEEL</td>
<td>10 ppm</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Non-hazardous (Trade Secret)</td>
<td>Not applicable</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Formaldehyde, polymer with N,N'-bis(2-aminoethyl)-1,2-ethanediamine and phenol (32610-77-8)</td>
<td>Not applicable</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Triethylenetetramine (112-24-3)</td>
<td>AIHA WEEL</td>
<td>6 mg/m³ absorbed via skin</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>AIHA WEEL</td>
<td>1 ppm absorbed via skin</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
## Exposure controls

### Appropriate engineering controls

- Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, etc.) below recommended exposure limits.

### Hand protection

- Wear suitable gloves.

### Eye protection

- Wear approved eye protection (properly fitted dust- or splash-proof chemical safety goggles) and face protection (face shield).

### Skin and body protection

- Wear suitable protective clothing.

### Respiratory protection

- In case of insufficient ventilation, wear suitable respiratory equipment. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

### Environmental exposure controls

- Maintain levels below Community environmental protection thresholds.

### Other information

- Do not eat, smoke or drink where material is handled, processed or stored. Wash hands carefully before eating or smoking. Handle according to established industrial hygiene and safety practices.

## SECTION 9: Physical and chemical properties

### Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Physical state</th>
<th>Liquid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Gel</td>
</tr>
<tr>
<td>Colour</td>
<td>Off-white</td>
</tr>
<tr>
<td>Odour</td>
<td>Amine-like</td>
</tr>
<tr>
<td>Odour threshold</td>
<td>No data available</td>
</tr>
<tr>
<td>pH</td>
<td>10.59</td>
</tr>
</tbody>
</table>
WEST SYSTEM® SIX10® Part B Hardener
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Melt point : No data available
Freezing point : No data available
Boiling point : No data available
Flash point : > 300 °F (149°C) (estimated based similar product)
Relative evaporation rate (butylacetate=1) : No data available
Flammability (solid, gas) : Non flammable.
Vapour pressure : No data available
Relative vapour density at 20 °C : No data available
Relative density : 1.04
Solubility : No data available
Partition coefficient n-octanol/water : No data available
Auto-ignition temperature : No data available
Decomposition temperature : No data available
Viscosity, kinematic : No data available
Viscosity, dynamic : No data available
Explosive limits : No data available
Explosive properties : No data available
Oxidising properties : No data available
Other information
VOC content : 11.8 g/l (0.10 lbs/gal)
Bulk density : 8.67 lb/gal (1.04 kg/L)

SECTION 10: Stability and reactivity
Reactivity : No dangerous reaction known under conditions of normal use.
Chemical stability : Stable under normal storage conditions.
Possibility of hazardous reactions : No dangerous reaction known under conditions of normal use. A mass of more than one pound of product plus an epoxy resin will cause irreversible polymerization with significant heat buildup and pressure.
Incompatible materials : Acids. oxidizing materials. Halogenated compounds.
Hazardous decomposition products : May include, and are not limited to: oxides of carbon, oxides of nitrogen, amines, ammonia, nitric acid, aldehydes, nitrosamines.

SECTION 11: Toxicological information

Information on toxicological effects

<table>
<thead>
<tr>
<th>Compound</th>
<th>LD50 oral rat</th>
<th>LD50 dermal rabbit</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-Propenenitrile, polymer with 1,3-butadiene, 1-cyano-1-methyl-4-oxo-4-[[2-(1-piperazinyl)ethyl]amino]butyl-terminated (68683-29-4)</td>
<td>&gt; 15400 mg/kg</td>
<td>&gt; 3000 mg/kg</td>
</tr>
<tr>
<td>Propylene glycol diamine, 2-amino-, diether with Propylene (9046-10-0)</td>
<td>2855 mg/kg</td>
<td>2890 nl/kg</td>
</tr>
<tr>
<td>Benzyl alcohol (100-51-6)</td>
<td>1620 mg/kg</td>
<td>&gt; 4.18 mg/l/4h</td>
</tr>
<tr>
<td>Triethylenetetramine (112-24-3)</td>
<td>1716 mg/kg</td>
<td>1465</td>
</tr>
<tr>
<td>Phenol, 2,4,6-tris[dimethylamino)methyl]-, reaction products with triethylenetetramine (1101788-77-5)</td>
<td>1716 mg/kg (Reference Triethylenetetramine)</td>
<td>1465 mg/kg</td>
</tr>
</tbody>
</table>
# WEST SYSTEM® SIX10® Part B Hardener

## Safety Data Sheet


## Table 1: Acute Toxicity

<table>
<thead>
<tr>
<th>Substance</th>
<th>Acute toxicity (oral)</th>
<th>Acute toxicity (dermal)</th>
<th>Acute toxicity (inhalation)</th>
<th>Skin corrosion/irritation</th>
<th>Serious eye damage/irritation</th>
<th>Respiratory or skin sensitization</th>
<th>Germ cell mutagenicity</th>
<th>Carcinogenicity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Silica, amorphous, fumed, crystalline-free (112945-52-5)</td>
<td>Not classified</td>
<td>Not classified</td>
<td>Not classified</td>
<td>Causes severe skin burns</td>
<td>Causes serious eye damage</td>
<td>May cause an allergic skin reaction</td>
<td>Suspected of causing genetic defects</td>
<td>Not classified</td>
</tr>
<tr>
<td>Phenol (108-95-2)</td>
<td>Not classified</td>
<td>Not classified</td>
<td>Not classified</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1,3-Benzenedimethanamine (1477-55-0)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Diethylenetriamine-bisphenol A-epichlorohydrin polymer (31326-29-1)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Diethylenetriamine (111-40-0)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Acute toxicity (oral)</td>
<td>Not classified</td>
<td>Not classified</td>
<td>Not classified</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Acute toxicity (dermal)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Acute toxicity (inhalation)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

## Table 2: IARC Grouping

<table>
<thead>
<tr>
<th>Substance</th>
<th>IARC group</th>
</tr>
</thead>
<tbody>
<tr>
<td>Silica, amorphous, fumed, crystalline-free (112945-52-5)</td>
<td>3 - Not classifiable</td>
</tr>
<tr>
<td>Phenol (108-95-2)</td>
<td>3 - Not classifiable</td>
</tr>
</tbody>
</table>

## Table 3: Reproductive Toxicity

<table>
<thead>
<tr>
<th>Substance</th>
<th>Reproductive toxicity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Benzenedimethanamine</td>
<td>Not classified</td>
</tr>
</tbody>
</table>

## Table 4: Symptoms/Injuries

<table>
<thead>
<tr>
<th>Substance</th>
<th>Symptoms/injuries after inhalation</th>
<th>Symptoms/injuries after skin contact</th>
<th>Symptoms/injuries after eye contact</th>
<th>Symptoms/injuries after ingestion</th>
<th>Other information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diethylenetriamine-bisphenol A-epichlorohydrin polymer</td>
<td>May cause respiratory tract irritation</td>
<td>Causes severe burns. Symptoms may include redness, pain, blisters. May cause an allergic skin reaction</td>
<td>Causes serious eye damage. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva</td>
<td>May be harmful if swallowed. May cause burns or irritation of the linings of the mouth, throat, and gastrointestinal tract. May cause stomach distress, nausea or vomiting.</td>
<td>Likely routes of exposure: ingestion, inhalation, skin and eye.</td>
</tr>
</tbody>
</table>

## SECTION 12: Ecological information

### Toxicity

**Ecology - general**: Harmful to aquatic life with long lasting effects.

### Benzyl alcohol (100-51-6)

<table>
<thead>
<tr>
<th>Substance</th>
<th>EC50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Benzyl alcohol</td>
<td>460 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])</td>
</tr>
<tr>
<td></td>
<td>23 mg/l (Exposure time: 48 h - Species: water flea)</td>
</tr>
</tbody>
</table>
WEST SYSTEM® SIX10® Part B Hardener

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Benzyl alcohol (100-51-6)
LC50 fish 2 10 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])

Triethylenetetramine (112-24-3)
LC50 fish 1 570 mg/l (Exposure time: 96 h - Species: Poecilia reticulata [semi-static])
EC50 Daphnia 1 31.1 mg/l (Exposure time: 48 h - Species: Daphnia magna)
LC50 fish 2 495 mg/l (Exposure time: 96 h - Species: Pimephales promelas)

Phenol (108-95-2)
LC50 fish 1 11.9 - 50.5 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])
EC50 Daphnia 1 4.24 - 10.7 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])
LC50 fish 2 20.5 - 25.6 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])
EC50 Daphnia 2 10.2 - 15.5 mg/l (Exposure time: 48 h - Species: Daphnia magna)

Diethylenetriamine (111-40-0)
LC50 fish 1 248 mg/l (Exposure time: 96 h - Species: Poecilia reticulata [static])
EC50 Daphnia 1 16 mg/l (Exposure time: 48 h - Species: Daphnia magna)
LC50 fish 2 1014 mg/l (Exposure time: 96 h - Species: Poecilia reticulata [semi-static])

Persistence and degradability

WEST SYSTEM® SIX10® Part B Hardener

Persistence and degradability Not established.

Bioaccumulative potential

WEST SYSTEM® SIX10® Part B Hardener

Bioaccumulative potential Not established.

Benzyl alcohol (100-51-6)
Partition coefficient n-octanol/water 1.1

Triethylenetetramine (112-24-3)
BCF fish 1 (no bioaccumulation expected)
Partition coefficient n-octanol/water -1.4

Phenol (108-95-2)
BCF fish 1 (no significant bioaccumulation)
Partition coefficient n-octanol/water 1.5

Diethylenetriamine (111-40-0)
BCF fish 1 0.3 - 1.7
Partition coefficient n-octanol/water -1.3

Mobility in soil

WEST SYSTEM® SIX10® Part B Hardener

Ecology - soil No additional information available.

Other adverse effects

Effect on the global warming : No known effects from this product.
Other information : Avoid release to the environment.

<table>
<thead>
<tr>
<th>Name</th>
<th>Product Identifier</th>
<th>Ecotoxicity Classification Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-Propenitrile, polymer with 1,3-butadiene, 1-cyano-1-methyl-4-oxo-4-[2-(1-piperazinyl)ethy]amino]butyl-terminated</td>
<td>(CAS No) 68683-29-4</td>
<td>No data available</td>
</tr>
<tr>
<td>Propylene glycol diamine, 2-amino-, diether with Propylene</td>
<td>(CAS No) 9046-10-0</td>
<td>Aquatic Acute Cat. 3; Aquatic Chronic Cat. 2</td>
</tr>
<tr>
<td>Benzyl alcohol</td>
<td>(CAS No) 100-51-6</td>
<td>No data available</td>
</tr>
<tr>
<td>Formaldehyde, polymer with N,N'-bis(2-aminoethyl)-1,2-ethanediamine and phenol</td>
<td>(CAS No) 32610-77-8</td>
<td>Aquatic Chronic Cat. 3</td>
</tr>
<tr>
<td>Non-hazardous</td>
<td>(CAS No) Trade Secret</td>
<td>No data available</td>
</tr>
<tr>
<td>Triethylenetetramine</td>
<td>(CAS No) 112-24-3</td>
<td>Aquatic Chronic Cat. 3</td>
</tr>
</tbody>
</table>
WEST SYSTEM® SIX10® Part B Hardener
Safety Data Sheet


<table>
<thead>
<tr>
<th>Name</th>
<th>Product identifier</th>
<th>Ecotoxicity Classification Information</th>
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<tbody>
<tr>
<td>Silica, amorphous, fumed, crystalline-free</td>
<td>(CAS No) 112945-52-5</td>
<td>No data available</td>
</tr>
<tr>
<td>Phenol, 2,4,6-tris[(dimethylamino)methyl] - reaction products with</td>
<td>(CAS No) 1101788-77-5</td>
<td>(Reference Triethylenetetramine); Aquatic Chronic Cat. 3</td>
</tr>
<tr>
<td>triethylenetetramine</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Phenol</td>
<td>(CAS No) 108-95-2</td>
<td>Aquatic Acute Cat. 3; Aquatic Chronic Cat. 2</td>
</tr>
<tr>
<td>Diethylenetriamine-bisphenol A-epichlorohydrin polymer</td>
<td>(CAS No) 31326-29-1</td>
<td>No data available</td>
</tr>
<tr>
<td>Diethylenetriamine</td>
<td>(CAS No) 111-40-0</td>
<td>No data available</td>
</tr>
<tr>
<td>1,3-Benzenedimethanolamine</td>
<td>(CAS No) 1477-55-0</td>
<td>Aquatic Acute Cat. 3; Aquatic Chronic Cat. 3</td>
</tr>
</tbody>
</table>

SECTION 13: Disposal considerations

Waste treatment methods
Product/Packaging disposal recommendations: This material must be disposed of in accordance with all local, state, provincial, and federal regulations. Avoid release to the environment. The generation of waste should be avoided or minimized wherever possible.

SECTION 14: Transport information

Department of Transportation (DOT) and Transportation of Dangerous Goods (TDG)
In accordance with DOT and TDG
UN-No.(DOT/TDG): UN3259
Proper Shipping Name (DOT/TDG): Polyamines, solid, corrosive n.o.s.
Class (DOT/TDG): Class 8 - Corrosive material 49 CFR 173.136
Packing group (DOT/TDG): III

Transport by sea
In accordance with IMDG
UN-No. (IMDG): 3259
Proper Shipping Name (IMDG): POLYAMINES, SOLID, CORROSIVE, N.O.S.
Class (IMDG): Class 8 - Corrosive substances
Packing group (IMDG): III

Transport by air
In accordance with IATA
UN-No. (IATA): 3259
Proper Shipping Name (IATA): Polyamines, solid, corrosive, n.o.s.
Class (IATA): Class 8 - Corrosives
Packing group (IATA): III

SECTION 15: Regulatory information

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 except for:

All components of this product are listed, or excluded from listing, on the Canadian DSL (Domestic Substances List) and NDSL (Non-Domestic Substances List) inventories except for:

<table>
<thead>
<tr>
<th>2-Propenenitrile, polymer with 1,3-butadiene, 1-cyano-1-methyl-4-oxo-4-[[2-(1-piperazinyl)ethyl]amino]butyl-terminated (68683-29-4)</th>
</tr>
</thead>
<tbody>
<tr>
<td>EPA TSCA Regulatory Flag</td>
</tr>
<tr>
<td>XU - XU - indicates a substance exempt from reporting under the Inventory Update Reporting Rule, i.e, Partial Updating of the TSCA Inventory Data Base Production and Site Reports (40 CFR 710(C)).</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Propylene glycol diamine, 2-amino-, diether with Propylene (9046-10-0)</th>
</tr>
</thead>
<tbody>
<tr>
<td>EPA TSCA Regulatory Flag</td>
</tr>
<tr>
<td>XU - XU - indicates a substance exempt from reporting under the Inventory Update Reporting Rule, i.e, Partial Updating of the TSCA Inventory Data Base Production and Site Reports (40 CFR 710(C)).</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Formaldehyde, polymer with N,N'-bis(2-aminoethyl)-1,2-ethanediamine and phenol (32610-77-8)</th>
</tr>
</thead>
<tbody>
<tr>
<td>EPA TSCA Regulatory Flag</td>
</tr>
<tr>
<td>XU - XU - indicates a substance exempt from reporting under the Inventory Update Reporting Rule, i.e, Partial Updating of the TSCA Inventory Data Base Production and Site Reports (40 CFR 710(C)).</td>
</tr>
</tbody>
</table>

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# WEST SYSTEM® SIX10® Part B Hardener

## Safety Data Sheet


### Phenol, 2,4,6-tris(dimethylamino)methyl-, reaction products with triethylenetetramine (1101788-77-5)

<table>
<thead>
<tr>
<th>EPA TSCA Regulatory Flag</th>
<th>P - P - indicates a commenced PMN substance.</th>
</tr>
</thead>
</table>

### Phenol (108-95-2)

- Listed on the United States SARA Section 302
- Subject to reporting requirements of United States SARA Section 313

<table>
<thead>
<tr>
<th>CERCLA RQ</th>
<th>1000 lb</th>
</tr>
</thead>
<tbody>
<tr>
<td>SARA Section 302 Threshold Planning Quantity (TPQ)</td>
<td>500 - 10000 lb</td>
</tr>
<tr>
<td>SARA Section 313 - Emission Reporting</td>
<td>1 %</td>
</tr>
</tbody>
</table>

### Diethylenetriamine-bisphenol A-epichlorohydrin polymer (31326-29-1)

| EPA TSCA Regulatory Flag | XU - XU - indicates a substance exempt from reporting under the Inventory Update Reporting Rule, i.e. Partial Updating of the TSCA Inventory Data Base Production and Site Reports (40 CFR 710(C)). |

### Propylene oxide (75-56-9)

- Listed on the United States SARA Section 302
- Subject to reporting requirements of United States SARA Section 313

<table>
<thead>
<tr>
<th>CERCLA RQ</th>
<th>100 lb</th>
</tr>
</thead>
<tbody>
<tr>
<td>SARA Section 302 Threshold Planning Quantity (TPQ)</td>
<td>100000 lb</td>
</tr>
<tr>
<td>SARA Section 313 - Emission Reporting</td>
<td>0.1 %</td>
</tr>
</tbody>
</table>

### International regulations

- No additional information available

### 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

<table>
<thead>
<tr>
<th>Propylene oxide (75-56-9)</th>
<th>U.S. - California - Proposition 65 - Carcinogens List</th>
<th>U.S. - California - Proposition 65 - Developmental Toxicity</th>
<th>U.S. - California - Proposition 65 - Reproductive Toxicity - Female</th>
<th>U.S. - California - Proposition 65 - Reproductive Toxicity - Male</th>
<th>Non-significant risk level (NSRL)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Yes</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
</tbody>
</table>

### Benzyl alcohol (100-51-6)

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

### Triethylenetetramine (112-24-3)

- U.S. - New Jersey - Right to Know Hazardous Substance List
- U.S. - Pennsylvania - RTK (Right to Know) List

### Phenol (108-95-2)

- U.S. - New Jersey - Right to Know Hazardous Substance List
- U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List
- U.S. - Pennsylvania - RTK (Right to Know) List

### 1,3-Benzenedimethanamine (1477-55-0)

- U.S. - New Jersey - Right to Know Hazardous Substance List
- U.S. - Pennsylvania - RTK (Right to Know) List

### Diethylenetriamine (111-40-0)

- U.S. - New Jersey - Right to Know Hazardous Substance List
- U.S. - Pennsylvania - RTK (Right to Know) List

### Propylene oxide (75-56-9)

- U.S. - New Jersey - Right to Know Hazardous Substance 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

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SECTION 16: Other information

Date of issue : 06/01/2015
Revision date : 01/25/2019
Version : 610B-2019a
Other information : None.

NFPA health hazard : 3
NFPA fire hazard : 1
NFPA reactivity : 0

HMIS III Rating
Health : 3
Flammability : 1
Physical : 0

Disclaimer: We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind. The information contained in this document applies to this specific material as supplied. It may not be valid for this material if it is used in combination with any other materials. It is the user’s responsibility to satisfy oneself as to the suitability and completeness of this information for the user’s own particular use.