1. IDENTIFICATION

Product Name
ST PRIMER EPOXY CURING AGENT PART B

Other means of identification
Product Code TQ898
UN/ID no UN3066
Synonyms None

Recommended use of the chemical and restrictions on use
Recommended Use Industrial Coatings
Uses advised against No information available

Details of the supplier of the safety data sheet
Supplier Address HENRY COMPANY
HENRY COMPANY
15 Wallsend Dr. 999 N. Pacific Coast Hwy., Suite 800
Scarborough, ON M1E 3X6 El Segundo, CA 90245-2716
Canada
Web Site: www.henry.com Web Site: www.henry.com
www.ca.henry.com

Emergency telephone number
Company Phone Number 800-486-1278
Emergency Telephone US and Canada only (toll-free): 3E Company - 1-866-519-4752 (access code 334832)
US/Canada, all other countries: 3E Company - +1-760-476-3962 (access code 334832)
Mexico (additional contact option): 3E Company - +52 55 41696225 (Code 334832)

2. HAZARDS IDENTIFICATION

Classification
OSHA Regulatory Status
This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200) and Canadian Workplace Hazardous Material Information System (WHMIS)

<table>
<thead>
<tr>
<th>Hazard</th>
<th>Category</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute toxicity - Oral</td>
<td>4</td>
</tr>
<tr>
<td>Acute toxicity - Dermal</td>
<td>4</td>
</tr>
<tr>
<td>Acute toxicity - Inhalation (Gases)</td>
<td>4</td>
</tr>
<tr>
<td>Acute toxicity - Inhalation (Dusts/Mists)</td>
<td>4</td>
</tr>
<tr>
<td>Skin corrosion/irritiation</td>
<td>Category 1 Sub-category C</td>
</tr>
<tr>
<td>Serious eye damage/eye irritation</td>
<td>1</td>
</tr>
<tr>
<td>Skin sensitization</td>
<td>1</td>
</tr>
<tr>
<td>Reproductive toxicity</td>
<td>1B</td>
</tr>
</tbody>
</table>

Label elements

Emergency Overview
Danger

Hazard statements
Harmful if swallowed
Harmful in contact with skin
Harmful if inhaled
Causes severe skin burns and eye damage
May cause an allergic skin reaction
May damage fertility or the unborn child

Precautionary Statements - Prevention
Obtain special instructions before use
Do not handle until all safety precautions have been read and understood
Use personal protective equipment as required
Wash face, hands and any exposed skin thoroughly after handling
Do not eat, drink or smoke when using this product
Use only outdoors or in a well-ventilated area
Do not breathe dust/fume/gas/mist/vapors/spray
Contaminated work clothing should not be allowed out of the workplace
Wear protective gloves

Precautionary Statements - Response
If IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
Immediately call a POISON CENTER or doctor/physician
If ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
If skin irritation or rash occurs: Get medical advice/attention
Call a POISON CENTER or doctor/physician if you feel unwell
Wash contaminated clothing before reuse
If INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
Call a POISON CENTER or doctor/physician if you feel unwell
Immediately call a POISON CENTER or doctor/physician
If SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell
Rinse mouth
Do NOT induce vomiting

Precautionary Statements - Storage
Store locked up

Precautionary Statements - Disposal
Dispose of contents/container to an approved waste disposal plant

Hazards not otherwise classified (HNOC)
Not applicable

Other Information
Toxic to aquatic life with long lasting effects. Toxic to aquatic life.

Unknown acute toxicity
0% of the mixture consists of ingredient(s) of unknown toxicity
3. COMPOSITION/INFORMATION ON INGREDIENTS

**Substance**
Not applicable

**Mixture**

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No</th>
<th>Weight-%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Amine adduct *</td>
<td>Proprietary</td>
<td>15 - 40</td>
</tr>
<tr>
<td>Benzyl alcohol *</td>
<td>100-51-6</td>
<td>15 - 40</td>
</tr>
<tr>
<td>Isophorone diamine *</td>
<td>2855-13-2</td>
<td>10 - 20</td>
</tr>
<tr>
<td>N,N-Dimethyl-1,3-propanediamine *</td>
<td>109-55-7</td>
<td>7 - 13</td>
</tr>
<tr>
<td>Bisphenol A *</td>
<td>80-05-7</td>
<td>3 - 7</td>
</tr>
<tr>
<td>2,4,6-Tri(dimethylaminomethyl)phenol *</td>
<td>90-72-2</td>
<td>1 - 5</td>
</tr>
</tbody>
</table>

*The exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

**Description of first aid measures**

**General advice**
In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible). If symptoms persist, call a physician.

**Eye contact**
Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately.

**Skin contact**
Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. For minor skin contact, avoid spreading material on unaffected skin. In the case of skin irritation or allergic reactions see a physician.

**Inhalation**
Remove to fresh air. If breathing is irregular or stopped, administer artificial respiration. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. If symptoms persist, call a physician.

**Ingestion**
Call a physician or poison control center immediately. Rinse mouth. Drink plenty of water. Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person.

**Self-protection of the first aider**
Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves. Do not use mouth-to-mouth method if victim ingested or inhaled the substance; give artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device.

**Most important symptoms and effects, both acute and delayed**

**Symptoms**
Causes skin and eye burns. May result in permanent damage including blindness. May cause allergic skin reaction.

**Indication of any immediate medical attention and special treatment needed**

**Note to physicians**
Treat symptomatically.

5. FIRE-FIGHTING MEASURES

**Suitable extinguishing media**
Dry chemical, CO2 or water spray. Dry chemical, CO2, alcohol-resistant foam or water spray. Move containers from fire area if you can do it without risk. Dike fire control water for later disposal; do not scatter the material.

**Unsuitable extinguishing media**
Do not use a solid water stream as it may scatter and spread fire.
Specific hazards arising from the chemical
The product causes burns of eyes, skin and mucous membranes. Thermal decomposition can lead to release of irritating and toxic gases and vapors. Runoff may pollute waterways.

### Explosion data
- Sensitivity to Mechanical Impact: None.
- Sensitivity to Static Discharge: None.

### Protective equipment and precautions for firefighters
As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

**Personal precautions**
Use personal protective equipment as required. Stop leak if you can do it without risk. Ensure adequate ventilation, especially in confined areas. Avoid contact with skin, eyes or clothing.

**Environmental precautions**
Prevent entry into waterways, sewers, basements or confined areas.

### Methods and material for containment and cleaning up

**Methods for containment**
Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers.

**Methods for cleaning up**
Cover liquid spill with sand, earth or other non-combustible absorbent material. Use personal protective equipment as required. Dam up. Take up mechanically, placing in appropriate containers for disposal. Clean contaminated surface thoroughly.

## 7. HANDLING AND STORAGE

### Precautions for safe handling

**Advice on safe handling**
Avoid contact with skin, eyes or clothing. Use personal protective equipment as required. Wash contaminated clothing before reuse. Do not breathe dust/fume/gas/mist/vapors/spray. Do not eat, drink or smoke when using this product.

**Conditions for safe storage, including any incompatibilities**

**Storage Conditions**
Keep container tightly closed in a dry and well-ventilated place. Keep out of the reach of children.

**Incompatible materials**

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

**Exposure Guidelines**
This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

**Appropriate engineering controls**

**Engineering Controls**
Showers
Eyewash stations
Ventilation systems.

**Individual protection measures, such as personal protective equipment**
Eye/face protection Wear safety glasses with side shields (or goggles).

Skin and body protection Wear protective gloves and protective clothing.

Respiratory protection If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
<th>Remarks • Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>liquid</td>
<td></td>
</tr>
<tr>
<td>Appearance</td>
<td>viscous</td>
<td></td>
</tr>
<tr>
<td>Color</td>
<td>yellow</td>
<td></td>
</tr>
<tr>
<td>Odor threshold</td>
<td>Amine</td>
<td></td>
</tr>
<tr>
<td>Odor</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Melting point / freezing point</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Boiling point / boiling range</td>
<td>&gt; 200 °C / 392 °F</td>
<td></td>
</tr>
<tr>
<td>Flash point</td>
<td>&gt; 125 °C / 255 °F</td>
<td></td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>No information available</td>
<td>Pensky-Martens Closed Cup (PMCC)</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Flammability Limit in Air</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Upper flammability limit:</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Lower flammability limit:</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Vapor density</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Relative density</td>
<td>1.03</td>
<td></td>
</tr>
<tr>
<td>Water solubility</td>
<td>Insoluble in water</td>
<td></td>
</tr>
<tr>
<td>Solubility in other solvents</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Partition coefficient</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Autoignition temperature</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Decomposition temperature</td>
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<td></td>
</tr>
<tr>
<td>Kinematic viscosity</td>
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<td></td>
</tr>
<tr>
<td>Dynamic viscosity</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Explosive properties</td>
<td>Not an explosive</td>
<td></td>
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<tr>
<td>Oxidizing properties</td>
<td>Not applicable</td>
<td></td>
</tr>
<tr>
<td>Softening point</td>
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<td></td>
</tr>
<tr>
<td>Molecular weight</td>
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<td></td>
</tr>
<tr>
<td>VOC Content (%)</td>
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<td></td>
</tr>
<tr>
<td>Density</td>
<td>No information available</td>
<td></td>
</tr>
<tr>
<td>Bulk density</td>
<td>No information available</td>
<td></td>
</tr>
</tbody>
</table>

10. STABILITY AND REACTIVITY

Reactivity No data available

Chemical stability Stable under recommended storage conditions.
Possibility of Hazardous Reactions Hazardous polymerization does not occur.
Conditions to avoid Incompatible materials. Heat.
Incompatible materials

Hazardous Decomposition Products
Thermal decomposition can lead to release of irritating and toxic gases and vapors.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Inhalation
May cause irritation.

Eye contact
Corrosive to the eyes and may cause severe damage including blindness.

Skin contact
May cause burns. Repeated or prolonged skin contact may cause allergic reactions with susceptible persons.

Ingestion
Can burn mouth, throat, and stomach.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Oral LD50 (mg/kg (Rat))</th>
<th>Dermal LD50 (mg/kg (Rat))</th>
<th>Inhalation LC50 (mg/L (Rat))</th>
</tr>
</thead>
<tbody>
<tr>
<td>Amine adduct</td>
<td>200 - 2000</td>
<td>1700 (Rabbit)</td>
<td>-</td>
</tr>
<tr>
<td>Benzyl alcohol 100-51-6</td>
<td>1230 (Rat)</td>
<td>2 (Rabbit)</td>
<td>8.8 (Rat) 4h</td>
</tr>
<tr>
<td>Isochorone diamine 2855-13-2</td>
<td>1030 (Rat)</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>N,N-Dimethyl-1,3-propanediamine 109-55-7</td>
<td>922 (Rat)</td>
<td>600 (Rabbit)</td>
<td>4.31 (Rat) 4h</td>
</tr>
<tr>
<td>Bisphenol A 80-05-7</td>
<td>3300 (Rat)</td>
<td>3 (Rabbit)</td>
<td>&gt; 170 mg/m^3 (Rat) 6h</td>
</tr>
<tr>
<td>2,4,6-Tri(dimethylaminomethyl)phenol 90-72-2</td>
<td>1200 (Rat)</td>
<td>1280 (Rat)</td>
<td>-</td>
</tr>
</tbody>
</table>

Information on toxicological effects

Symptoms
May cause an allergic skin reaction. Causes skin burns. May cause redness and tearing of the eyes. May result in permanent damage including blindness. Coughing and/ or wheezing.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization
May cause sensitization in susceptible persons.

Germ cell mutagenicity
Based on available data, the classification criteria are not met.

Carcinogenicity
Based on available data, the classification criteria are not met.

Reproductive toxicity
Product is or contains a chemical which is a known or suspected reproductive hazard.

STOT - single exposure
Based on available data, the classification criteria are not met.

STOT - repeated exposure
Based on available data, the classification criteria are not met.

Chronic toxicity
May cause adverse liver effects.

Target Organ Effects
Eyes, kidney, liver. Respiratory system. Skin.

Aspiration hazard
Based on available data, the classification criteria are not met.

Numerical measures of toxicity - Product Information

The following values are calculated based on chapter 3.1 of the GHS document.

ATEmix (oral) 1,933.00 mg/kg
ATEmix (dermal) 1,352.00 mg/kg
ATEmix (inhalation-gas) 2,333.00 mg/l
ATEmix (inhalation-dust/mist) 5.00 mg/l

12. ECOLOGICAL INFORMATION
Ecotoxicity
Very toxic to aquatic life with long lasting effects

43 % of the mixture consists of components(s) of unknown hazards to the aquatic environment

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Algae/aquatic plants</th>
<th>Fish</th>
<th>Crustacea</th>
</tr>
</thead>
<tbody>
<tr>
<td>Benzyl alcohol</td>
<td>35: 3 h Anabaena variabilis mg/L EC50</td>
<td>460: 96 h Pimephales promelas mg/L LC50 static</td>
<td>23: 48 h water flea mg/L EC50</td>
</tr>
<tr>
<td>Isophorone diamine</td>
<td>37: 72 h Desmodesmus subspicatus mg/L EC50</td>
<td>110: 96 h Leuciscus idus mg/L LC50 semi-static</td>
<td>14.6 - 21.5: 48 h Daphnia magna mg/L EC50 semi-static 42; 24 h Daphnia magna mg/L EC50</td>
</tr>
<tr>
<td>N,N-Dimethyl-1,3-propanediamine</td>
<td>56: 2: 72 h Desmodesmus subspicatus mg/L EC50 57.5: 96 h Desmodesmus subspicatus mg/L EC50</td>
<td>122: 96 h Leuciscus idus mg/L LC50 static</td>
<td>59.5: 48 h Daphnia magna mg/L EC50</td>
</tr>
<tr>
<td>Bisphenol A</td>
<td>2.5: 96 h Pseudokirchneriella subcapitata mg/L EC50</td>
<td>3.6 - 5.4: 96 h Pimephales promelas mg/L LC50 flow-through 4.0 - 5.5: 96 h Pimephales promelas mg/L LC50 static 4: 96 h Oncorhynchus mykiss mg/L LC50 9.9: 96 h Brachydanio rerio mg/L LC50 static</td>
<td>10.2: 48 h Daphnia magna mg/L EC50 9.2 - 11.4: 48 h Daphnia magna mg/L EC50 Static 3.9: 48 h Daphnia magna mg/L EC50</td>
</tr>
</tbody>
</table>

Persistence and degradability
No information available.

Bioaccumulation

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Partition coefficient</th>
</tr>
</thead>
<tbody>
<tr>
<td>Benzyl alcohol</td>
<td>1.1</td>
</tr>
<tr>
<td>Isophorone diamine</td>
<td>0.79</td>
</tr>
<tr>
<td>N,N-Dimethyl-1,3-propanediamine</td>
<td>-0.352</td>
</tr>
<tr>
<td>Bisphenol A</td>
<td>2.2</td>
</tr>
</tbody>
</table>

Other adverse effects
No information available

13. DISPOSAL CONSIDERATIONS

Waste treatment methods
Disposal of wastes Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated packaging Do not reuse container.

US EPA Waste Number D002

14. TRANSPORT INFORMATION

DOT
UN/ID no UN3066
Proper shipping name Paint
Hazard Class 8
Packing Group III
Special Provisions B52, IB3, T4, TP1, TP29
Description UN3066, Paint, 8, III
Emergency Response Guide Number

TDG
UN/ID no UN3066
Proper shipping name Paint
Hazard Class 8
Packing Group III
Description UN3066, Paint, 8, III

IATA
UN/ID no UN3066
Proper shipping name Paint
Hazard Class 8
Packing Group III
ERG Code 8L
Special Provisions A3, A72, A803, A192
Description UN3066, Paint, 8, III

IMDG
UN/ID no UN3066
Proper shipping name Paint
Hazard Class 8
Packing Group III
EmS-No F-A, S-B
Special Provisions 163, 223
Description UN3066, Paint, 8, III

15. REGULATORY INFORMATION

International Inventories
TSCA Complies
DSL/NDSL Complies
EINECS/ELINCS Complies
IECSC Complies
KECL Complies
PICCS Complies
AICS Complies

Legend:
TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
ENCS - Japan Existing and New Chemical Substances
IECSC - China Inventory of Existing Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances
PICCS - Philippines Inventory of Chemicals and Chemical Substances
AICS - Australian Inventory of Chemical Substances

US Federal Regulations
SARA 313
Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>SARA 313 - Threshold Values %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bisphenol A - 80-05-7</td>
<td>1.0</td>
</tr>
</tbody>
</table>

SARA 311/312 Hazard Categories
- Acute health hazard: Yes
- Chronic Health Hazard: Yes
- Fire hazard: No
- Sudden release of pressure hazard: No
- Reactive Hazard: No
CWA (Clean Water Act)
This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA
This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

US State Regulations

California Proposition 65
This product contains the following Proposition 65 chemicals

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>California Proposition 65</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bisphenol A - 80-05-7</td>
<td>Female Reproductive</td>
</tr>
</tbody>
</table>

U.S. State Right-to-Know Regulations

Chemical Name | New Jersey | Massachusetts | Pennsylvania |
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Benzyl alcohol 100-51-6</td>
<td>-</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Isophorone diamine 2855-13-2</td>
<td>X</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>N,N-Dimethyl-1,3-propanediamine 109-55-7</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Bisphenol A 80-05-7</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
</tbody>
</table>

U.S. EPA Label Information
EPA Pesticide Registration Number Not applicable

16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OF THE LAST REVISION

NFPA Health hazards 3 Flammability 1 Instability 0 Physical and Chemical Properties -
HMIS Health hazards 3* Flammability 1 Physical hazards 0 Personal protection X

Chronic Hazard Star Legend * = Chronic Health Hazard

Issue Date 29-Sep-2019
Revision Date 29-Sep-2019
Revision Note No information available
Disclaimer
The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet