



# Safety Data Sheet

Issue date 11-Apr-2019

Revision date 11-Apr-2019

Revision Number 1

## 1. IDENTIFICATION

### Product identification

Product identifier Kent® Chem-Weld 15 Adhesive Plastic Repair - Part B

Other means of identification KT13968B

Recommended use Adhesive

Restrictions on use Not available

### Supplier

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8770 W. Bryn Mawr Ave.- Suite 900  
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(888)-937-5368

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(800) 323-5922

**24 Hour Emergency Phone Number** (888) 426-4851 (Prosar)

**Website** <https://www.lawsonproducts.com>

## 2. HAZARD(S) IDENTIFICATION

**Hazard Classification** This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

|                                                  |             |
|--------------------------------------------------|-------------|
| Acute toxicity - Oral                            | Category 4  |
| Skin corrosion/irritation                        | Category 2  |
| Serious eye damage/eye irritation                | Category 2A |
| Skin sensitization                               | Category 1  |
| Specific target organ toxicity (single exposure) | Category 2  |

### Symbol



**Signal word** WARNING

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|                                                          |                                                                                                                                                                                                                                                                                                                                                                                         |
|----------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Hazard statements</b>                                 | H302 - Harmful if swallowed<br>H315 - Causes skin irritation<br>H319 - Causes serious eye irritation<br>H317 - May cause an allergic skin reaction<br>H371 - May cause damage to organs<br>H335 - May cause respiratory irritation                                                                                                                                                      |
| <b>Precautionary statements</b>                          |                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>General</b>                                           | P101 - If medical advice is needed, have product container or label at hand<br>P102 - Keep out of reach of children<br>P103 - Read label before use.                                                                                                                                                                                                                                    |
| <b>Prevention</b>                                        | P260 - Do not breathe dust/fume/gas/mist/vapors/spray<br>P280 - Wear protective gloves/protective clothing and eye/face protection<br>P264 - Wash hands thoroughly after handling<br>P270 - Do not eat, drink or smoke when using this product<br>P272 - Contaminated work clothing should not be allowed out of the workplace<br>P271 - Use only outdoors or in a well-ventilated area |
| <b>Response</b>                                          |                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>General</b>                                           | P321 - For Specific treatment see section 4 of this sds<br>P307 + P311 - IF exposed: Call a POISON CENTER or doctor/physician                                                                                                                                                                                                                                                           |
| <b>Eyes</b>                                              | P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes.<br>Remove contact lenses, if present and easy to do. Continue rinsing<br>P337 + P313 - If eye irritation persists: Get medical advice/attention                                                                                                                                                       |
| <b>Skin</b>                                              | P363 - Wash contaminated clothing before reuse<br>P333 + P313 - If skin irritation or rash occurs: Get medical advice/attention<br>P362 - Take off contaminated clothing and wash before reuse<br>P302 + P352 - IF ON SKIN: Wash with plenty of soap and water                                                                                                                          |
| <b>Inhalation</b>                                        | P304 + P312 - IF INHALED: Call a POISON CENTER or doctor if you feel unwell<br>P340 - Remove victim to fresh air and keep at rest in a position comfortable for breathing                                                                                                                                                                                                               |
| <b>Ingestion</b>                                         | P301 + P312 - IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell<br>P330 - Rinse mouth                                                                                                                                                                                                                                                                           |
| <b>Storage</b>                                           | P405 - Store locked up<br>P403 + P233 - Store in a well-ventilated place. Keep container tightly closed                                                                                                                                                                                                                                                                                 |
| <b>Disposal</b>                                          | P501 - Dispose of contents/container in accordance with local, regional, national, and international regulations as applicable                                                                                                                                                                                                                                                          |
| <b>Hazard(s) Not Otherwise Classified (HNOC)</b>         | Not available.                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Physical Hazards Not Otherwise Classified (PHNOC)</b> | Not available.                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Unknown acute toxicity</b>                            | Not available                                                                                                                                                                                                                                                                                                                                                                           |

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### 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Composition** Mixture.

| Chemical name                          | CAS-No      | Weight % |
|----------------------------------------|-------------|----------|
| Bisphenol A - Epichlorohydrin polymer  | 25068-38-6  | 40-60    |
| Fragrance                              | N/A         | 13-30    |
| Elastomer Modified Diglycidal Ether    | 163440-98-0 | 1.5-5    |
| Cyclohexanedimethanol Diglycidyl Ether | 14228-73-0  | 1-1.5    |
| Modified Silicone Dioxide              | 67762-90-7  | <1       |
| Methanol                               | 67-56-1     | <1       |
| Glycidoxypropyl-Trimethoxysilane       | 2530-83-8   | <1       |
| Ethylene glycol                        | 107-21-1    | <1       |
| Crystalline Silica                     | 14808-60-7  | <1       |
| Carbon Black                           | 1333-86-4   | <1       |
| Calcium Carbonate                      | 1317-65-3   | <1       |

If CAS number is "proprietary", the specific chemical identity and percentage of composition has been withheld as a trade secret

### 4. FIRST-AID MEASURES

#### Necessary first-aid measures

|                                                                                   |                                                                                                                                                                           |
|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>General Information</b>                                                        | Immediately remove all soiled and contaminated clothing. Symptoms of poisoning may occur, even after several hours. Keep under medical supervision for at least 48 hours. |
| <b>Inhalation</b>                                                                 | Move to fresh air. Call a physician or Poison Control Center immediately. If unconscious, place patient in side position for transportation.                              |
| <b>Ingestion</b>                                                                  | Call a physician or Poison Control Center immediately.                                                                                                                    |
| <b>Skin contact</b>                                                               | Immediately wash with water and soap and rinse thoroughly.                                                                                                                |
| <b>Eye contact</b>                                                                | Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Seek medical attention.                                                          |
| <b>Most important symptoms (acute)</b>                                            | Not available.                                                                                                                                                            |
| <b>Most important symptoms (over-exposure)</b>                                    | Not available.                                                                                                                                                            |
| <b>Indication of any immediate medical attention and special treatment needed</b> | Not available.                                                                                                                                                            |

### 5. FIRE-FIGHTING MEASURES

|                                       |                                                                                                                                  |
|---------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| <b>Suitable extinguishing media</b>   | Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.                          |
| <b>Unsuitable extinguishing media</b> | Not available.                                                                                                                   |
| <b>Specific hazards</b>               | Formation of toxic gases is possible during heating or in case of fire. In use, may form flammable/explosive vapour-air mixture. |
| <b>Special protective equipment</b>   | A respiratory protective device may be necessary.                                                                                |

for fire-fighters

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures**

Wear protective equipment. Keep unprotected persons away. Do not allow to enter waters, wastewater or soil. Use respiratory protective device against the effects of fumes/dust/aerosol.

**Methods and materials for containment and cleaning up**

Absorb with liquid-binding material (sand, diatomite, universal binders). Ensure adequate ventilation. For waste disposal, see section 13 of the SDS.

## 7. HANDLING AND STORAGE

**Precautions for safe handling**

Ensure adequate ventilation. Open and handle receptacle with care. Prevent formation of aerosols.

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

Keep respiratory protective devices available. Keep containers tightly closed and sealed until ready for use.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Control parameters**

| Chemical name                          | OSHA PEL (TWA)                                      | ACGIH OEL (TWA)                                        | NIOSH - TWA                                                                            |
|----------------------------------------|-----------------------------------------------------|--------------------------------------------------------|----------------------------------------------------------------------------------------|
| Bisphenol A - Epichlorohydrin polymer  | -                                                   | -                                                      | -                                                                                      |
| Fragrance                              | -                                                   | -                                                      | -                                                                                      |
| Elastomer Modified Diglycidal Ether    | -                                                   | -                                                      | -                                                                                      |
| Cyclohexanedimethanol Diglycidyl Ether | -                                                   | -                                                      | -                                                                                      |
| Modified Silicone Dioxide              | -                                                   | -                                                      | -                                                                                      |
| Methanol                               | 200 ppm TWA<br>260 mg/m <sup>3</sup> TWA            | 250 ppm STEL<br>200 ppm TWA<br>Skin                    | 250 ppm STEL<br>325 mg/m <sup>3</sup> STEL<br>200 ppm TWA<br>260 mg/m <sup>3</sup> TWA |
| Glycidoxypopyl-Trimethoxysilane        | -                                                   | -                                                      | -                                                                                      |
| Ethylene glycol                        | -                                                   | 50 ppm STEL<br>10 mg/m <sup>3</sup> STEL<br>25 ppm TWA | -                                                                                      |
| Crystalline Silica                     | 50 µg/m <sup>3</sup> TWA 50 µg/m <sup>3</sup> TWA   | 0.025 mg/m <sup>3</sup> TWA                            | 0.05 mg/m <sup>3</sup> TWA                                                             |
| Carbon Black                           | 3.5 mg/m <sup>3</sup> TWA                           | 3 mg/m <sup>3</sup> TWA                                | 3.5 mg/m <sup>3</sup> TWA<br>0.1 mg/m <sup>3</sup> TWA                                 |
| Calcium Carbonate                      | 15 mg/m <sup>3</sup> TWA<br>5 mg/m <sup>3</sup> TWA | -                                                      | 10 mg/m <sup>3</sup> TWA<br>5 mg/m <sup>3</sup> TWA                                    |

**Appropriate engineering controls**

Ensure adequate ventilation, especially in confined areas.

**Individual protection measures, such as personal protective equipment**

**Eye protection**

ANSI approved safety goggles are recommended if exposure is likely. An eye wash station should be available.

**Skin and body protection**

Wear chemical resistant gloves (nitrile) and paint suits . The most suitable glove must be chosen in consultation with the gloves supplier who can inform about the breakthrough time of the glove material. Wear suitable gloves. Take note of the information given by the

producer concerning permeability and break through times, and of special workplace conditions (mechanical strain, duration of contact).

**Respiratory protection**

Wear a NIOSH approved organic vapor respirator. Use a positive pressure air supplied respirator if there is any potential for uncontrolled release, exposure levels are unknown, or any other circumstances where air purifying respirators may not provide adequate protection.

**Hygiene measures**

Handle in accordance with good industrial hygiene and safety practice. Keep away from food, drink and animal feeding stuffs. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of workday. Avoid contact with skin, eyes and clothing.

**Canadian Province Occupational  
Exposure Limits**

| Chemical name                                 | Alberta<br>OEL                                                                                     | British<br>Columbia<br>OEL                                                                                           | Manitoba<br>OEL                                                 | New<br>Brunswick<br>- OEL                                                                          | Newfoundl<br>and &<br>Labrador -<br>OEL                         | Nova<br>Scotia -<br>OEL                                         | Ontario<br>OEL                    | Prince<br>Edward<br>Island -<br>OEL                             | Quebec<br>OEL                                                                                      | Saskatche<br>wan - OEL                                      |
|-----------------------------------------------|----------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|----------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|-----------------------------------------------------------------|-----------------------------------|-----------------------------------------------------------------|----------------------------------------------------------------------------------------------------|-------------------------------------------------------------|
| Bisphenol A -<br>Epichlorohydrin<br>polymer   | -                                                                                                  | -                                                                                                                    | -                                                               | -                                                                                                  | -                                                               | -                                                               | -                                 | -                                                               | -                                                                                                  | -                                                           |
| Fragrance                                     | -                                                                                                  | -                                                                                                                    | -                                                               | -                                                                                                  | -                                                               | -                                                               | -                                 | -                                                               | -                                                                                                  | -                                                           |
| Elastomer Modified<br>Diglycidial Ether       | -                                                                                                  | -                                                                                                                    | -                                                               | -                                                                                                  | -                                                               | -                                                               | -                                 | -                                                               | -                                                                                                  | -                                                           |
| Cyclohexanedimeth<br>anol Diglycidyl<br>Ether | -                                                                                                  | -                                                                                                                    | -                                                               | -                                                                                                  | -                                                               | -                                                               | -                                 | -                                                               | -                                                                                                  | -                                                           |
| Modified Silicone<br>Dioxide                  | -                                                                                                  | -                                                                                                                    | -                                                               | -                                                                                                  | -                                                               | -                                                               | -                                 | -                                                               | -                                                                                                  | -                                                           |
| Methanol                                      | 250 ppm<br>STEL<br>328 mg/m <sup>3</sup><br>STEL<br>200 ppm<br>TWA<br>262 mg/m <sup>3</sup><br>TWA | 250 ppm<br>STEL<br>200 ppm<br>TWA                                                                                    | 200 ppm<br>TWA<br>250 ppm<br>STEL                               | 250 ppm<br>STEL<br>328 mg/m <sup>3</sup><br>STEL<br>200 ppm<br>TWA<br>262 mg/m <sup>3</sup><br>TWA | 250 ppm<br>STEL<br>200 ppm<br>TWA                               | 250 ppm<br>STEL<br>200 ppm<br>TWA                               | 250 ppm<br>STEL<br>200 ppm<br>TWA | 250 ppm<br>STEL<br>200 ppm<br>TWA                               | 250 ppm<br>STEL<br>328 mg/m <sup>3</sup><br>STEL<br>200 ppm<br>TWA<br>262 mg/m <sup>3</sup><br>TWA | 250 ppm<br>STEL<br>200 ppm<br>TWA                           |
| Glycidoxypentyl-Tri<br>methoxysilane          | -                                                                                                  | -                                                                                                                    | -                                                               | -                                                                                                  | -                                                               | -                                                               | -                                 | -                                                               | -                                                                                                  | -                                                           |
| Ethylene glycol                               | 100 mg/m <sup>3</sup><br>Ceiling                                                                   | 100 mg/m <sup>3</sup><br>Ceiling<br>50 ppm<br>Ceiling<br>20 mg/m <sup>3</sup><br>STEL<br>10 mg/m <sup>3</sup><br>TWA | 25 ppm<br>TWA<br>50 ppm<br>STEL<br>10 mg/m <sup>3</sup><br>STEL | 100 mg/m <sup>3</sup><br>Ceiling                                                                   | 50 ppm<br>STEL<br>10 mg/m <sup>3</sup><br>STEL<br>25 ppm<br>TWA | 50 ppm<br>STEL<br>10 mg/m <sup>3</sup><br>STEL<br>25 ppm<br>TWA | 100 mg/m <sup>3</sup><br>Ceiling  | 50 ppm<br>STEL<br>10 mg/m <sup>3</sup><br>STEL<br>25 ppm<br>TWA | 50 ppm<br>Ceiling<br>127 mg/m <sup>3</sup><br>Ceiling                                              | 100 mg/m <sup>3</sup><br>Ceiling                            |
| Crystalline Silica                            | 0.025<br>mg/m <sup>3</sup> TWA                                                                     | 0.025<br>mg/m <sup>3</sup> TWA                                                                                       | 0.025<br>mg/m <sup>3</sup> TWA                                  | 0.1 mg/m <sup>3</sup><br>TWA                                                                       | 0.025<br>mg/m <sup>3</sup> TWA                                  | 0.025<br>mg/m <sup>3</sup> TWA                                  | 0.10 mg/m <sup>3</sup><br>TWA     | 0.025<br>mg/m <sup>3</sup> TWA                                  | 0.1 mg/m <sup>3</sup><br>TWA                                                                       | 0.05 mg/m <sup>3</sup><br>TWA                               |
| Carbon Black                                  | 3.5 mg/m <sup>3</sup><br>TWA                                                                       | 3 mg/m <sup>3</sup><br>TWA                                                                                           | 3 mg/m <sup>3</sup><br>TWA                                      | 3.5 mg/m <sup>3</sup><br>TWA                                                                       | 3 mg/m <sup>3</sup><br>TWA                                      | 3 mg/m <sup>3</sup><br>TWA                                      | 3 mg/m <sup>3</sup><br>TWA        | 3 mg/m <sup>3</sup><br>TWA                                      | 3.5 mg/m <sup>3</sup><br>TWA                                                                       | 7 mg/m <sup>3</sup><br>STEL<br>3.5 mg/m <sup>3</sup><br>TWA |
| Calcium Carbonate                             | 10 mg/m <sup>3</sup><br>TWA                                                                        | 20 mg/m <sup>3</sup><br>STEL<br>10 mg/m <sup>3</sup><br>TWA<br>3 mg/m <sup>3</sup><br>TWA                            | -                                                               | 10 mg/m <sup>3</sup><br>TWA                                                                        | -                                                               | -                                                               | -                                 | -                                                               | 10 mg/m <sup>3</sup><br>TWA                                                                        | 20 mg/m <sup>3</sup><br>STEL<br>10 mg/m <sup>3</sup><br>TWA |

**9. PHYSICAL AND CHEMICAL PROPERTIES**

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|                                                    |                              |
|----------------------------------------------------|------------------------------|
| <b>Physical state</b>                              | Liquid                       |
| <b>Odor</b>                                        | Characteristic               |
| <b>Odor threshold</b>                              | Not applicable               |
| <b>pH</b>                                          | Not applicable               |
| <b>Melting point/range °C</b>                      | Not available                |
| <b>Melting point/range °F</b>                      | Not available                |
| <b>Boiling point/range °C</b>                      | 261 °C                       |
| <b>Boiling point/range °F</b>                      | 501 °F                       |
| <b>Flash point °C</b>                              | 94                           |
| <b>Flash point °F</b>                              | 201.2                        |
| <b>Flash point method used</b>                     | Not available                |
| <b>Evaporation rate</b>                            | Not available                |
| <b>Flammability (Solid, Gas)</b>                   | Not available                |
| <b>Lower explosion limit</b>                       | Not available                |
| <b>Upper explosion limit</b>                       | Not available                |
| <b>Vapor pressure</b>                              | No data available            |
| <b>Vapor density</b>                               | Not available                |
| <b>Relative density</b>                            | 1.39686                      |
| <b>Solubility</b>                                  | Insoluble in water           |
| <b>Partition coefficient<br/>(n-octanol/water)</b> | Not available                |
| <b>Autoignition temperature °C</b>                 | Product is not self-igniting |
| <b>Autoignition temperature °F</b>                 | Product is not self-igniting |
| <b>Decomposition temperature °C</b>                | Not available                |
| <b>Decomposition temperature °F</b>                | Not available                |
| <b>Viscosity</b>                                   | Not available                |

## 10. STABILITY AND REACTIVITY

|                                 |                                                        |
|---------------------------------|--------------------------------------------------------|
| <b>Reactivity</b>               | No dangerous reactions under normal conditions of use. |
| <b>Chemical stability</b>       | Stable.                                                |
| <b>Possibility of hazardous</b> | Not available.                                         |

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## reactions

|                                         |                                            |
|-----------------------------------------|--------------------------------------------|
| <b>Conditions to avoid</b>              | Not available.                             |
| <b>Incompatible materials</b>           | No further relevant information available. |
| <b>Hazardous decomposition products</b> | None known based on information supplied.  |

## 11. TOXICOLOGICAL INFORMATION

|                                                                                                   |                                                                                                                           |
|---------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| <b>Information on likely routes of exposure</b>                                                   | Dermal. Eyes.                                                                                                             |
| <b>Symptoms</b>                                                                                   | Causes irritation to the mucous membranes. Eye and skin irritant. May cause sensitization by inhalation and skin contact. |
| <b>Delayed and immediate effects as well as chronic effects from short and long-term exposure</b> | Not available.                                                                                                            |

## Numerical measures of toxicity

| Chemical name                          | Inhalation LC50:                                   | Dermal LD50:                                         | Oral LD50:                                   |
|----------------------------------------|----------------------------------------------------|------------------------------------------------------|----------------------------------------------|
| Bisphenol A - Epichlorohydrin polymer  | -                                                  | -                                                    | = 11400 mg/kg ( Rat )                        |
| Fragrance                              | -                                                  | -                                                    | -                                            |
| Elastomer Modified Diglycidal Ether    | -                                                  | -                                                    | -                                            |
| Cyclohexanedimethanol Diglycidyl Ether | -                                                  | -                                                    | -                                            |
| Modified Silicone Dioxide              | -                                                  | -                                                    | -                                            |
| Methanol                               | = 22500 ppm ( Rat ) 8 h =<br>64000 ppm ( Rat ) 4 h | = 15800 mg/kg ( Rabbit ) =<br>15840 mg/kg ( Rabbit ) | = 6200 mg/kg ( Rat )                         |
| Glycidoxypopyl-Trimethoxysilane        | > 5.3 mg/L ( Rat ) 4 h                             | = 3970 µL/kg ( Rabbit )                              | = 22600 µL/kg ( Rat ) = 7.01<br>g/kg ( Rat ) |
| Ethylene glycol                        | -                                                  | = 10600 mg/kg ( Rat ) = 9530<br>µL/kg ( Rabbit )     | = 4700 mg/kg ( Rat )                         |
| Crystalline Silica                     | -                                                  | -                                                    | -                                            |
| Carbon Black                           | -                                                  | > 3 g/kg ( Rabbit )                                  | > 15400 mg/kg ( Rat )                        |
| Calcium Carbonate                      | -                                                  | -                                                    | -                                            |

|                                      |               |
|--------------------------------------|---------------|
| <b>ATEmix (dermal)</b>               | Not available |
| <b>ATEmix (oral)</b>                 | Not available |
| <b>ATEmix (inhalation-gas)</b>       | Not available |
| <b>ATEmix (inhalation-vapor)</b>     | Not available |
| <b>ATEmix (inhalation-dust/mist)</b> | Not available |

## Carcinogenicity

| Chemical name | ACGIH OEL - Carcinogens | IARC | OSHA RTK Carcinogens | NTP |
|---------------|-------------------------|------|----------------------|-----|
|---------------|-------------------------|------|----------------------|-----|

| Chemical name                          | ACGIH OEL - Carcinogens | IARC     | OSHA RTK Carcinogens | NTP              |
|----------------------------------------|-------------------------|----------|----------------------|------------------|
| Bisphenol A - Epichlorohydrin polymer  | -                       | -        | -                    | -                |
| Fragrance                              | -                       | -        | -                    | -                |
| Elastomer Modified Diglycidal Ether    | -                       | -        | -                    | -                |
| Cyclohexanedimethanol Diglycidyl Ether | -                       | -        | -                    | -                |
| Modified Silicone Dioxide              | -                       | -        | -                    | -                |
| Methanol                               | -                       | -        | -                    | -                |
| Glycidoxypyrrol-Trimethoxysilane       | -                       | -        | -                    | -                |
| Ethylene glycol                        | A4                      | -        | -                    | -                |
| Crystalline Silica                     | A2                      | Group 1  | Listed               | Known Carcinogen |
| Carbon Black                           | A3                      | Group 2B | Listed               | -                |
| Calcium Carbonate                      | -                       | -        | -                    | -                |

**Canadian Province  
carcinogenicity limits**

| Chemical name                          | Alberta - Carcinogen            | British Columbia - Carcinogen | Manitoba - Carcinogen | New Brunswick - Carcinogen | Nova Scotia - Carcinogen | Quebec - Carcinogen |
|----------------------------------------|---------------------------------|-------------------------------|-----------------------|----------------------------|--------------------------|---------------------|
| Bisphenol A - Epichlorohydrin polymer  | -                               | -                             | -                     | -                          | -                        | -                   |
| Fragrance                              | -                               | -                             | -                     | -                          | -                        | -                   |
| Elastomer Modified Diglycidal Ether    | -                               | -                             | -                     | -                          | -                        | -                   |
| Cyclohexanedimethanol Diglycidyl Ether | -                               | -                             | -                     | -                          | -                        | -                   |
| Modified Silicone Dioxide              | -                               | -                             | -                     | -                          | -                        | -                   |
| Methanol                               | -                               | -                             | -                     | -                          | -                        | -                   |
| Glycidoxypyrrol-Trimethoxysilane       | -                               | -                             | -                     | -                          | -                        | -                   |
| Ethylene glycol                        | -                               | -                             | ACGIH A4              | ACGIH A4                   | ACGIH A4                 | -                   |
| Crystalline Silica                     | A2 - Suspected Human Carcinogen | ACGIH A2 IARC 1               | ACGIH A2              | -                          | ACGIH A2                 | C2 carcinogen       |
| Carbon Black                           | -                               | IARC 2B                       | ACGIH A3              | ACGIH A4                   | ACGIH A3                 | -                   |
| Calcium Carbonate                      | -                               | -                             | -                     | -                          | -                        | -                   |

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity**

May cause long lasting harmful effects to aquatic life

| Chemical name                          | Algae/aquatic plants | Fish                                                                                                                                                                               |
|----------------------------------------|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Bisphenol A - Epichlorohydrin polymer  | -                    | -                                                                                                                                                                                  |
| Fragrance                              | -                    | -                                                                                                                                                                                  |
| Elastomer Modified Diglycidal Ether    | -                    | -                                                                                                                                                                                  |
| Cyclohexanedimethanol Diglycidyl Ether | -                    | -                                                                                                                                                                                  |
| Modified Silicone Dioxide              | -                    | -                                                                                                                                                                                  |
| Methanol                               | -                    | 28200: 96 h Pimephales promelas mg/L LC50 flow-through 100: 96 h Pimephales promelas mg/L LC50 static 19500 - 20700: 96 h Oncorhynchus mykiss mg/L LC50 flow-through 18 - 20: 96 h |

| Chemical name                   | Algae/aquatic plants                                         | Fish                                                                                                                                                                                                                                                                                                     |
|---------------------------------|--------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                 |                                                              | Oncorhynchus mykiss mL/L LC50 static 13500 - 17600: 96 h Lepomis macrochirus mg/L LC50 flow-through                                                                                                                                                                                                      |
| Glycidoxypopyl-Trimethoxysilane | -                                                            | -                                                                                                                                                                                                                                                                                                        |
| Ethylene glycol                 | 6500 - 13000: 96 h Pseudokirchneriella subcapitata mg/L EC50 | 41000: 96 h Oncorhynchus mykiss mg/L LC50 14 - 18: 96 h Oncorhynchus mykiss mL/L LC50 static 40761: 96 h Oncorhynchus mykiss mg/L LC50 static 40000 - 60000: 96 h Pimephales promelas mg/L LC50 static 27540: 96 h Lepomis macrochirus mg/L LC50 static 16000: 96 h Poecilia reticulata mg/L LC50 static |
| Crystalline Silica              | -                                                            | -                                                                                                                                                                                                                                                                                                        |
| Carbon Black                    | -                                                            | -                                                                                                                                                                                                                                                                                                        |
| Calcium Carbonate               | -                                                            | -                                                                                                                                                                                                                                                                                                        |

**Persistence and degradability** Not applicable.

#### Bioaccumulation

| Chemical name                                        | CAS-No      | Partition coefficient (log Kow) |
|------------------------------------------------------|-------------|---------------------------------|
| Bisphenol A - Epichlorohydrin polymer<br>25068-38-6  | 25068-38-6  | -                               |
| Fragrance<br>N/A                                     | N/A         | -                               |
| Elastomer Modified Diglycidal Ether<br>163440-98-0   | 163440-98-0 | -                               |
| Cyclohexanedimethanol Diglycidyl Ether<br>14228-73-0 | 14228-73-0  | -                               |
| Modified Silicone Dioxide<br>67762-90-7              | 67762-90-7  | -                               |
| Methanol<br>67-56-1                                  | 67-56-1     | -0.77                           |
| Glycidoxypopyl-Trimethoxysilane<br>2530-83-8         | 2530-83-8   | -                               |
| Ethylene glycol<br>107-21-1                          | 107-21-1    | -1.93                           |
| Crystalline Silica<br>14808-60-7                     | 14808-60-7  | -                               |
| Carbon Black<br>1333-86-4                            | 1333-86-4   | -                               |
| Calcium Carbonate<br>1317-65-3                       | 1317-65-3   | -                               |

**Mobility in soil** Not available.

**Other adverse effects** Do not allow product to reach sewage system, soil, surface or ground water, or any water course. Notify proper authorities if entry occurs Danger to drinking water if even extremely small quantities leak into the ground.

### 13. DISPOSAL CONSIDERATIONS

**Disposal information** Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

**Contaminated packaging** Dispose in accordance with local, state and federal regulations.

## 14. TRANSPORTATION INFORMATION

### Shipping Descriptions

#### DOT

ID-No UN3082  
Proper shipping name Environmentally hazardous substance, liquid, n.o.s (bisphenolA(chloro)oxirane polymer)  
Hazard Class(es) 9  
Packing group III  
Marine pollutant Yes.  
Special Provisions LTD QTY

#### TDG

ID-No UN3082  
Proper shipping name Environmentally hazardous substance, liquid, n.o.s (bisphenolA(chloro)oxirane polymer)  
Hazard Class(es) 9  
Packing group III  
Marine pollutant Yes.  
Special Provisions LTD QTY

#### IATA

ID-No UN3082  
Proper shipping name Environmentally hazardous substance, liquid, n.o.s (bisphenolA(chloro)oxirane polymer)  
Hazard Class(es) 9  
Packing group III  
Special Provisions LTD QTY

#### IMDG/IMO

ID-No UN3082  
Proper shipping name Environmentally hazardous substance, liquid, n.o.s (bisphenolA(chloro)oxirane polymer)  
Hazard Class(es) 9  
Packing group III  
EmS No F-A, S-F  
Marine pollutant Yes  
Special Provisions LTD QTY

### Marine Pollutants

| Chemical name                          | CAS-No      | USDOT Marine Pollutant | Canada TDG Marine Pollutant | IMDG Marine Pollutant |
|----------------------------------------|-------------|------------------------|-----------------------------|-----------------------|
| Bisphenol A - Epichlorohydrin polymer  | 25068-38-6  | -                      | -                           | -                     |
| Fragrance                              | N/A         | -                      | -                           | -                     |
| Elastomer Modified Diglycidal Ether    | 163440-98-0 | -                      | -                           | -                     |
| Cyclohexanedimethanol Diglycidyl Ether | 14228-73-0  | -                      | -                           | -                     |
| Modified Silicone Dioxide              | 67762-90-7  | -                      | -                           | -                     |
| Methanol                               | 67-56-1     | -                      | -                           | -                     |
| Glycidoxypropyl-Trimethoxysilane       | 2530-83-8   | -                      | -                           | -                     |
| Ethylene glycol                        | 107-21-1    | -                      | -                           | -                     |
| Crystalline Silica                     | 14808-60-7  | -                      | -                           | -                     |
| Carbon Black                           | 1333-86-4   | -                      | -                           | -                     |
| Calcium Carbonate                      | 1317-65-3   | -                      | -                           | -                     |

### Special Precautions

Multi-modal shipping descriptions are provided for informational purposes and do not consider container size. The presence of a shipping description for a particular mode of transport (sea, air, etc.), does not indicate that the product is packaged suitably for that

mode of transport. All packaging must be reviewed for suitability prior to shipment, and compliance with the applicable regulations is the sole responsibility of the person offering the product for transport. People loading and unloading dangerous goods must be trained on all of the risks deriving from the substances and on all actions in case of emergency situations.

## 15. REGULATORY INFORMATION

### State regulations

#### U.S. state Right-to-Know regulations

| Chemical name                          | CAS-No      | Massachusetts - RTK | New Jersey - RTK | Pennsylvania - RTK |
|----------------------------------------|-------------|---------------------|------------------|--------------------|
| Bisphenol A - Epichlorohydrin polymer  | 25068-38-6  | -                   | -                | -                  |
| Fragrance                              | N/A         | -                   | -                | -                  |
| Elastomer Modified Diglycidal Ether    | 163440-98-0 | -                   | -                | -                  |
| Cyclohexanedimethanol Diglycidyl Ether | 14228-73-0  | -                   | -                | -                  |
| Modified Silicone Dioxide              | 67762-90-7  | -                   | -                | -                  |
| Methanol                               | 67-56-1     | X                   | X                | X                  |
| Glycidoxypopyl-Trimethoxysilane        | 2530-83-8   | -                   | -                | -                  |
| Ethylene glycol                        | 107-21-1    | X                   | X                | X                  |
| Crystalline Silica                     | 14808-60-7  | X                   | X                | X                  |
| Carbon Black                           | 1333-86-4   | X                   | X                | X                  |
| Calcium Carbonate                      | 1317-65-3   | X                   | X                | X                  |

#### California Prop. 65

WARNING: This product contains a chemical(s) known to the state of California to cause cancer, birth defects or other reproductive harm

| Chemical name                          | CAS-No      | California Prop. 65 |
|----------------------------------------|-------------|---------------------|
| Bisphenol A - Epichlorohydrin polymer  | 25068-38-6  | -                   |
| Fragrance                              | N/A         | -                   |
| Elastomer Modified Diglycidal Ether    | 163440-98-0 | -                   |
| Cyclohexanedimethanol Diglycidyl Ether | 14228-73-0  | -                   |
| Modified Silicone Dioxide              | 67762-90-7  | -                   |
| Methanol                               | 67-56-1     | Developmental       |
| Glycidoxypopyl-Trimethoxysilane        | 2530-83-8   | -                   |
| Ethylene glycol                        | 107-21-1    | Developmental       |
| Crystalline Silica                     | 14808-60-7  | Carcinogen          |
| Carbon Black                           | 1333-86-4   | Carcinogen          |
| Calcium Carbonate                      | 1317-65-3   | -                   |

### U.S. Federal Regulations

#### US EPA SARA 313

| Chemical name                         | CAS-No      | CERCLA/SARA Hazardous Substances RQ | SARA 313 - Threshold Values |
|---------------------------------------|-------------|-------------------------------------|-----------------------------|
| Bisphenol A - Epichlorohydrin polymer | 25068-38-6  | -                                   | -                           |
| Fragrance                             | N/A         | -                                   | -                           |
| Elastomer Modified Diglycidal Ether   | 163440-98-0 | -                                   | -                           |
| Cyclohexanedimethanol Diglycidyl      | 14228-73-0  | -                                   | -                           |

| Chemical name                   | CAS-No     | CERCLA/SARA<br>Hazardous Substances RQ | SARA 313 - Threshold Values |
|---------------------------------|------------|----------------------------------------|-----------------------------|
| Ether                           |            |                                        |                             |
| Modified Silicone Dioxide       | 67762-90-7 | -                                      | -                           |
| Methanol                        | 67-56-1    | 5000 lb<br>2270 kg                     | 1.0 %                       |
| Glycidoxypopyl-Trimethoxysilane | 2530-83-8  | -                                      | -                           |
| Ethylene glycol                 | 107-21-1   | 5000 lb<br>2270 kg                     | 1.0 %                       |
| Crystalline Silica              | 14808-60-7 | -                                      | -                           |
| Carbon Black                    | 1333-86-4  | -                                      | -                           |
| Calcium Carbonate               | 1317-65-3  | -                                      | -                           |

**US EPA SARA 311/312  
hazardous categorization**

Not available

| Chemical name                             | DSL/NDSL | Inventory - United States -<br>Section 8(b) Inventory (TSCA) | U.S. - TSCA (Toxic<br>Substances Control Act) -<br>Section 12(b) - Export<br>Notification |
|-------------------------------------------|----------|--------------------------------------------------------------|-------------------------------------------------------------------------------------------|
| Bisphenol A - Epichlorohydrin polymer     | X        | X                                                            | -                                                                                         |
| Fragrance                                 | -        | -                                                            | -                                                                                         |
| Elastomer Modified Diglycidial Ether      | X        | X                                                            | -                                                                                         |
| Cyclohexanedimethanol Diglycidyl<br>Ether | X        | X                                                            | -                                                                                         |
| Modified Silicone Dioxide                 | X        | X                                                            | -                                                                                         |
| Methanol                                  | X        | X                                                            | -                                                                                         |
| Glycidoxypopyl-Trimethoxysilane           | X        | X                                                            | -                                                                                         |
| Ethylene glycol                           | X        | X                                                            | -                                                                                         |
| Crystalline Silica                        | X        | X                                                            | -                                                                                         |
| Carbon Black                              | X        | X                                                            | -                                                                                         |
| Calcium Carbonate                         | X        | X                                                            | -                                                                                         |

Legend X - Listed

## 16. OTHER INFORMATION

### NFPA

|              |   |
|--------------|---|
| Health       | 2 |
| Flammability | 1 |
| Instability  | 0 |

### HMIS

|                  |   |
|------------------|---|
| Health           | 2 |
| Flammability     | 1 |
| Physical hazards | 0 |

Notice: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings are not required on SDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered mark of the National Paint & Coatings Association (NPCA).

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**Revision note**

**Key to abbreviations**

ACGIH (American Conference of Governmental Industrial Hygienists)  
ATE (Average Toxicity Estimate)  
DSL/NDL (Domestic Substance List/Non-Domestic Substance List)  
HMIS (Hazardous Materials Identification System)  
IARC (International Agency for Research on Cancer)  
IATA (International Air Transport Association)  
IMDG/IMO (International Maritime Dangerous Goods/International Maritime Organization)  
NFPA (National Fire Protection Association)  
NTP (National Toxicology Program)  
OEL (Occupational Exposure Level)  
OSHA (Occupational Safety and Health Administration of the US Department of Labor)  
PEL (Permissible Exposure Limit)  
TSCA (Toxic Substance Control Act)  
USEPA (United States Environmental Protection Agency)

**Disclaimer**

**The information accumulated herein is believed to be accurate, but is not warranted to be, whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.**

**End of Safety Data Sheet**