

Safety Data Sheet  
SWD 1000



SDS Revision: Version 1.3  
SDS Revision Date: 12/12/2018

1. Identification

1.1. Product identifier

Product Identity SWD 1000  
Alternate Names SWD 1000

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

Intended use See Technical Data Sheet.  
Application Method See Technical Data Sheet.

1.3. Details of the supplier of the safety data sheet

Company Name STABOND CORPORATION  
1722 W. 139th Street, GARDENA CA. 90249  
Customer Service: STABOND CORPORATION (310) 380-6168 Mon. to Fri. 07:00 – 15:30 PT  
Emergency Contact: CHEMTREC (800) 424-9300 24-hour

2. Hazard(s) identification

2.1. Classification of the substance or mixture

|                        |  |
|------------------------|--|
| Flam. Liq. 2;H225      | Highly Flammable liquid and vapor.   |
| Acute Tox. 5;H303      | May be harmful if swallowed. (Not adopted by US OSHA)  |
| Skin Irrit. 2;H315     | Causes skin irritation.  |
| Eye Irrit. 2;H319      | Causes serious eye irritation.   |
| Skin Sens. 1;H317      | May cause an allergic skin reaction.   |
| Repr. 2;H361D          | Suspected of damaging the unborn child.  |
| STOT SE 3;H336         | May cause drowsiness or dizziness.   |
| STOT RE 2;H373         | May cause damage to organs through prolonged or repeated exposure. Specific Target Organs: (Not Available) |
| Aquatic Chronic 2;H411 | Toxic to aquatic life with long lasting effects.   |

2.2. Label elements

Using the Toxicity Data listed in section 11 and 12 the product is labeled as follows.



**Danger**

H225 Highly flammable liquid and vapor.

H303 May be harmful if swallowed.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H336 May cause drowsiness and dizziness.

H361d Suspected of damaging the unborn child.

H373 May cause damage to organs through prolonged or repeated exposure.

H411 Toxic to aquatic life with long lasting effects.

**[Prevention]:**

P201 Obtain special instructions before use.

P202 Do not handle until all safety precautions have been read and understood.

P210 Keep away from heat / sparks / open flames / hot surfaces - No smoking.

P235 Keep cool.

P240 Ground / bond container and receiving equipment.

P241 Use explosion-proof electrical / ventilating / light / equipment.

P242 Use only non-sparking tools.

P243 Take precautionary measures against static discharge.

P261 Avoid breathing dust / fume / gas / mist / vapors / spray.

P262 Do not get in eyes, on skin, or on clothing.

P264 Wash thoroughly after handling.

P271 Use only outdoors or in a well-ventilated area.

P272 Contaminated work clothing should not be allowed out of the workplace.

P273 Avoid release to the environment.

P280 Wear protective gloves / eye protection / face protection.

**[Response]:**

P301+310 IF SWALLOWED: Immediately call a POISON CENTER or doctor / physician.

P302+352 IF ON SKIN: Wash with plenty of soap and water.

P303+361+353 IF ON SKIN (or hair): Remove / Take off immediately all contaminated clothing. Rinse skin with water / shower.

P304+312 IF INHALED: Call a POISON CENTER or doctor / physician if you feel unwell.

P305+351+338 IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing.

P308+313 IF exposed or concerned: Get medical advice / attention.

P314 Get Medical advice / attention if you feel unwell.

P321 Specific treatment (see information on this label).

P331 Do NOT induce vomiting.

P333+313 If skin irritation or a rash occurs: Get medical advice / attention.

P337+313 If eye irritation persists: Get medical advice / attention.

P340 Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P362 Take off contaminated clothing and wash before reuse.

P363 Wash contaminated clothing before reuse.

P370+378 In case of fire: Use extinguishing media listed in section 5 of SDS for extinction.

P391 Collect spillage.

**[Storage]:**

P403+233 Store in a well-ventilated place. Keep container tightly closed.

P405 Store locked up.

**[Disposal]:**

P501 Dispose of contents / container in accordance with local / national regulations.

### 3. Composition/information on ingredients

This product contains the following substances that present a hazard within the meaning of the relevant State and Federal Hazardous Substances regulations.

| Ingredient/Chemical Designations   | Weight %   | GHS Classification   | Notes  |
|--|------------|--|--------|
| Acetone<br>CAS Number: 0000067-64-1  | 25 - 50    | Flam. Liq. 2;H225<br>Eye Irrit. 2;H319<br>STOT SE 3;H336   | [1][2] |
| Hexane<br>CAS Number: 0000110-54-3   | 10 - 25    | Flam. Liq. 2;H225<br>Repr. 2;H361f<br>Asp. Tox. 1;H304<br>STOT RE 2;H373<br>Skin Irrit. 2;H315<br>STOT SE 3;H336<br>Aquatic Chronic 2;H411 | [1][2] |
| Aliphatic Hydrocarbon<br>CAS Number: 0064742-49-0                              | 10 - 25    | Asp. Tox. 1;H304   | [1]    |
| Toluene<br>CAS Number: 0000108-88-3  | 10 - 25    | Flam. Liq. 2;H225<br>Repr. 2;H361d<br>Asp. Tox. 1;H304<br>STOT RE 2;H373<br>Skin Irrit. 2;H315<br>STOT SE 3;H336                           | [1][2] |
| Neoprene rubber<br>CAS Number: 0009010-98-4                                    | 1.0 - 10   | Not Classified   | [1]    |
| Cyclohexane<br>CAS Number: 0000110-82-7  | 1.0 - 10   | Flam. Liq. 2;H225<br>Asp. Tox. 1;H304<br>Skin Irrit. 2;H315<br>STOT SE 3;H336<br>Aquatic Acute 1;H400<br>Aquatic Chronic 1;H410            | [1][2] |
| FORMALDEHYDE, POLYMER WITH 4-(1,1-DIMETHYLETHYL)PH<br>CAS Number: 0025085-50-1 | 1.0 - 10   | Not Classified   | [1]    |
| BUTADIENE, 2,3-DICHLORO-, POLYMER WITH 2-CHLORO-1,<br>CAS Number: 0025067-95-2 | 1.0 - 10   | Not Classified   | [1]    |
| Rosin<br>CAS Number: 0008050-09-7  | 0.10 - 1.0 | Skin Sens. 1;H317  | [1]    |

[1] Substance classified with a health or environmental hazard.

[2] Substance with a workplace exposure limit.

[3] PBT-substance or vPvB-substance.

\*The full texts of the phrases are shown in Section 16.

### 4. First aid measures

#### 4.1. Description of first aid measures

##### General

In all cases of doubt, or when symptoms persist, seek medical attention.  
Never give anything by mouth to an unconscious person.

|                   |   |
|-------------------|---|
| <b>Inhalation</b> | Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, give artificial respiration. If unconscious place in the recovery position and obtain immediate medical attention. Give nothing by mouth. |
| <b>Eyes</b>       | Irrigate copiously with clean water for at least 15 minutes, holding the eyelids apart and seek medical attention.  |
| <b>Skin</b>       | Remove and isolate contaminated clothing and shoes. Clothing frozen to the skin should be thawed before being removed. In case of contact with liquefied gas, thaw frosted parts with lukewarm water.                               |
| <b>Ingestion</b>  | If swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.  |

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

##### Overview

##### INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

May cause irritation of upper respiratory tract. Excessive exposure may cause anesthetic or narcotic effects (headache, dizziness, drowsiness etc.)

##### SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

SKIN-Prolonged or repeated exposure may result in drying of the skin which can cause skin irritation or dermatitis.

EYES-Liquid or high vapor concentrations can be severely irritating to the eyes.

##### SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

May be irritating. Persons with pre-existing skin disorders may be more susceptible to the effects of this material.

##### INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Moderate CNS depression may be shown by giddiness, headache, dizziness and nausea. If vomiting occurs, keep head below hips to prevent aspiration of liquid into lungs, which can cause severe lung damage. Aspiration pneumonitis may be evidenced by coughing and cyanosis.

##### HEALTH HAZARDS (ACUTE AND CHRONIC):

Eye: May cause irritation with tearing.

Skin: May cause skin irritation and dermatitis.

Ingestion: May cause irritation and corrosion on the mouth and stomach tissue.

Inhalation: May cause irritation to upper respiratory tract and at higher concentrations narcosis or CNS depression.

CARCINOGENICITY: NTP? NO, IARC MONOGRAPHS? NO, OSHA REGULATED? NO

This product contains chemicals known to the State of California to cause cancer and/or birth defects or other reproductive harm.

##### MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate an existing dermatitis. Preexisting eye and respiratory disorders may be aggravated.

Exposure to solvent vapor concentrations from the component solvents in excess of the stated occupational exposure limits may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms include headache, nausea, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness.

Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in dryness, irritation and possible non-allergic contact dermatitis. Solvents

may also be absorbed through the skin. Splashes of liquid in the eyes may cause irritation and soreness with possible reversible damage. See section 2 for further details.

|                   |  |
|-------------------|--|
| <b>Inhalation</b> | May cause drowsiness or dizziness.                           |
| <b>Eyes</b>       | Causes serious eye irritation.                               |
| <b>Skin</b>       | Causes skin irritation. May cause an allergic skin reaction. |
| <b>Ingestion</b>  | May be harmful if swallowed.                                 |

## 5. Fire-fighting measures

### 5.1. Extinguishing media

Dry chemical, foam, carbon dioxide and water fog.

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

Hazardous decomposition: High temperatures and fires may produce such toxic substances as carbon monoxide and carbon dioxide.

Keep away from heat / sparks / open flames / hot surfaces - No smoking.

Keep cool.

Ground / bond container and receiving equipment.

Use explosion-proof electrical / ventilating / light / equipment.

Use only non-sparking tools.

Take precautionary measures against static discharge.

Avoid breathing dust / fume / gas / mist / vapors / spray.

Do not get in eyes, on skin, or on clothing.

### 5.3. Advice for fire-fighters

Wear positive pressure self-contained breathing apparatus (SCBA).

Structural firefighters' protective clothing will only provide limited protection.

Volatile solvent constituent can readily form explosive or flammable mixtures in air. Vapors can flow along surfaces to distant ignition sources and flash back.

Inhalation or contact with material may irritate or burn skin and eyes.

Fire may produce irritating, corrosive and/or toxic gases.

Vapors may cause dizziness or suffocation.

Runoff from fire control may cause pollution.

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## 6. Accidental release measures

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

Water spray may reduce vapor; but may not prevent ignition in closed spaces.

### 6.2. Environmental precautions

Do not allow spills to enter drains or waterways.

Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

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

Handle as a flammable liquid. Remove all ignition sources. Soak up wet material on a non-combustible absorbent and place in a closed metal container.

## 7. Handling and storage

### 7.1. Precautions for safe handling

Ground and bond metal containers when dispensing. No smoking in areas of use or storage. Use only non-sparking tools near wet adhesive or solvent vapors. Solvent vapor is much heavier than air and can collect in dangerous concentrations in floor drains or low areas.

See section 2 for further details. - [Prevention]:

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

Handle containers carefully to prevent damage and spillage.

Incompatible materials: Strong oxidizing agents

Store in cool, well ventilated area away from any ignition sources and strong oxidizing agents. Keep containers tightly closed when not in use. Do not transfer to plastic containers.

See section 2 for further details. - [Storage]:

### 7.3. Specific end use(s)

No data available.

## 8. Exposure controls and personal protection

### 8.1. Control parameters

| CAS No.      | Ingredient  | Exposure |  |
|--------------|-------------|----------|--|
|              |             | Source   | Value  |
| 0000067-64-1 | Acetone     | OSHA     | TWA 1000 ppm (2400 mg/m <sup>3</sup> ) STEL 2400 mg/m <sup>3</sup>       |
|              |             | ACGIH    | TWA: 250 ppm STEL: 500 ppm Skin  |
|              |             | NIOSH    | 250 ppm (590 mg/m <sup>3</sup> ) TWA                                     |
|              |             | Supplier | No Established Limit   |
| 0000108-88-3 | Toluene     | OSHA     | TWA 200 ppm C 300 ppm 500 ppm (10-minute maximum peak) STEL 150 ppm      |
|              |             | ACGIH    | TWA: 20 ppmR   |
|              |             | NIOSH    | TWA 100 ppm (375 mg/m <sup>3</sup> ) ST 150 ppm (560 mg/m <sup>3</sup> ) |
|              |             | Supplier | No Established Limit   |
| 0000110-54-3 | Hexane      | OSHA     | TWA 500 ppm (1800 mg/m <sup>3</sup> )                                    |
|              |             | ACGIH    | TWA: 20 ppmSkin  |
|              |             | NIOSH    | TWA 50 ppm (180 mg/m <sup>3</sup> )                                      |
|              |             | Supplier | No Established Limit   |
| 0000110-82-7 | Cyclohexane | OSHA     | TWA 300 ppm (1050 mg/m <sup>3</sup> )                                    |
|              |             | ACGIH    | TWA: 100 ppm   |
|              |             | NIOSH    | TWA 300 ppm (1050 mg/m <sup>3</sup> )                                    |
|              |             | Supplier | No Established Limit   |
| 0008050-09-7 | Rosin       | OSHA     | No Established Limit   |

|              |  |          |                      |
|--------------|--|----------|----------------------|
|              |  | ACGIH    | No Established Limit |
|              |  | NIOSH    | No Established Limit |
|              |  | Supplier | No Established Limit |
| 0009010-98-4 | Neoprene rubber  | OSHA     | No Established Limit |
|              |  | ACGIH    | No Established Limit |
|              |  | NIOSH    | No Established Limit |
|              |  | Supplier | No Established Limit |
| 0025067-95-2 | BUTADIENE, 2,3-DICHLORO-,<br>POLYMER WITH 2-CHLORO-1,  | OSHA     | No Established Limit |
|              |  | ACGIH    | No Established Limit |
|              |  | NIOSH    | No Established Limit |
|              |  | Supplier | No Established Limit |
| 0025085-50-1 | FORMALDEHYDE, POLYMER WITH 4-<br>(1,1-DIMETHYLETHYL)PH | OSHA     | No Established Limit |
|              |  | ACGIH    | No Established Limit |
|              |  | NIOSH    | No Established Limit |
|              |  | Supplier | No Established Limit |
| 0064742-49-0 | Aliphatic Hydrocarbon                                  | OSHA     | No Established Limit |
|              |  | ACGIH    | No Established Limit |
|              |  | NIOSH    | No Established Limit |
|              |  | Supplier | No Established Limit |

### Carcinogen Data

| CAS No.      | Ingredient  | Source | Value   |
|--------------|---|--------|---|
| 0000067-64-1 | Acetone   | OSHA   | Select Carcinogen: No   |
|              |   | NTP    | Known: No; Suspected: No  |
|              |   | IARC   | Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;  |
| 0000108-88-3 | Toluene   | OSHA   | Select Carcinogen: No   |
|              |   | NTP    | Known: No; Suspected: No  |
|              |   | IARC   | Group 1: No; Group 2a: No; Group 2b: No; Group 3: Yes; Group 4: No; |
| 0000110-54-3 | Hexane  | OSHA   | Select Carcinogen: No   |
|              |   | NTP    | Known: No; Suspected: No  |
|              |   | IARC   | Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;  |
| 0000110-82-7 | Cyclohexane   | OSHA   | Select Carcinogen: No   |
|              |   | NTP    | Known: No; Suspected: No  |
|              |   | IARC   | Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;  |
| 0008050-09-7 | Rosin   | OSHA   | Select Carcinogen: No   |
|              |   | NTP    | Known: No; Suspected: No  |
|              |   | IARC   | Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;  |
| 0009010-98-4 | Neoprene rubber                                       | OSHA   | Select Carcinogen: No   |
|              |   | NTP    | Known: No; Suspected: No  |
|              |   | IARC   | Group 1: No; Group 2a: No; Group 2b: No; Group 3: Yes; Group 4: No; |
| 0025067-95-2 | BUTADIENE, 2,3-DICHLORO-,<br>POLYMER WITH 2-CHLORO-1, | OSHA   | Select Carcinogen: No   |
|              |   | NTP    | Known: No; Suspected: No  |
|              |   | IARC   | Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;  |
| 0025085-50-1 | FORMALDEHYDE, POLYMER<br>WITH 4-(1,1-DIMETHYLETHYL)PH | OSHA   | Select Carcinogen: No   |
|              |   | NTP    | Known: No; Suspected: No  |

|              |                       |      |  |
|--------------|-----------------------|------|--|
|              |                       | IARC | Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No; |
| 0064742-49-0 | Aliphatic Hydrocarbon | OSHA | Select Carcinogen: No  |
|              |                       | NTP  | Known: No; Suspected: No   |
|              |                       | IARC | Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No; |

## 8.2. Exposure controls

|                             |   |
|-----------------------------|---|
| <b>Respiratory</b>          | Atmospheric levels should be maintained below the exposure guideline. Use an approved, full-face, supplied air respirator or a NIOSH approved positive pressure, self-contained breathing apparatus if these levels are exceeded.   |
| <b>Eyes</b>                 | Use safety glasses with side shields or chemical goggles. If exposure causes eye discomfort, use a full-face respirator.  |
| <b>Skin</b>                 | Use Neoprene, vinyl or nitrile rubber gloves.   |
| <b>Engineering Controls</b> | Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and any vapor below occupational exposure limits suitable respiratory protection must be worn. |
| <b>Other Work Practices</b> | Eye wash fountain or bottles. Solvent insoluble barrier hand cream. Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.   |

See section 2 for further details. - [Prevention]:

## 9. Physical and chemical properties

|  |   |
|--|---|
| <b>Appearance</b>                                      | Low Viscosity Liquid  |
| <b>Odor</b>  | Solvent   |
| <b>Odor threshold</b>                                  | Not Measured  |
| <b>pH</b>  | Not Measured  |
| <b>Melting point / freezing point</b>                  | Not Measured  |
| <b>Initial boiling point and boiling range</b>         | 133-231 Deg F   |
| <b>Flash Point</b>                                     | -10 Deg F   |
| <b>Evaporation rate (Ether = 1)</b>                    | Slower than Ether   |
| <b>Flammability (solid, gas)</b>                       | Not Applicable  |
| <b>Upper/lower flammability or explosive limits</b>    | <b>Lower Explosive Limit:</b> 1.0%<br><b>Upper Explosive Limit:</b> 13.0% |
| <b>Vapor pressure (Pa)</b>                             | Not Measured  |
| <b>Vapor Density</b>                                   | Heavier than air  |
| <b>Specific Gravity</b>                                | 0.8   |
| <b>Solubility in Water</b>                             | Nil   |
| <b>Partition coefficient n-octanol/water (Log Kow)</b> | Not Measured  |
| <b>Auto-ignition temperature</b>                       | Not Measured  |
| <b>Decomposition temperature</b>                       | Not Measured  |
| <b>Viscosity (cSt)</b>                                 | Not Measured  |
| <b>Coating V.O.C.</b>                                  | 5.42 lb/gl (649 grams/liter)  |
| <b>Material V.O.C.</b>                                 | 3.74 lb/gl (449 grams/liter)  |



**9.2. Other information**

No other relevant information.

## 10. Stability and reactivity

**10.1. Reactivity**

Hazardous Polymerization will not occur.

**10.2. Chemical stability**

Stable under normal circumstances.

**10.3. Possibility of hazardous reactions**

No data available.

**10.4. Conditions to avoid**

Avoid contact with open flame, sparks or hot surfaces.

**10.5. Incompatible materials**

Strong oxidizing agents

**10.6. Hazardous decomposition products**

High temperatures and fires may produce such toxic substances as carbon monoxide and carbon dioxide.

## 11. Toxicological information

**Acute toxicity**

Exposure to solvent vapor concentrations from the component solvents in excess of the stated occupational exposure limits may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms include headache, nausea, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness.

Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in dryness, irritation and possible non-allergic contact dermatitis. Solvents may also be absorbed through the skin. Splashes of liquid in the eyes may cause irritation and soreness with possible reversible damage.

2-butoxyethanol and its acetate are readily absorbed through the skin and will cause harmful effects on the blood.

| Ingredient                           | Oral LD50,<br>mg/kg              | Skin LD50,<br>mg/kg                   | Inhalation<br>Vapor LD50,<br>mg/L/4hr | Inhalation<br>Dust/Mist LD50,<br>mg/L/4hr | Inhalation<br>Gas LD50,<br>ppm   |
|--------------------------------------|----------------------------------|---------------------------------------|---------------------------------------|---|----------------------------------|
| Acetone - (67-64-1)                  | 2,000.00, Rat -<br>Category: 4   | 2,000.00,<br>Rabbit -<br>Category: 4  | 76.00, Rat -<br>Category: NA          | No data<br>available                      | No data<br>available             |
| Hexane - (110-54-3)                  | 25,000.00, Rat -<br>Category: NA | 3,000.00,<br>Rabbit -<br>Category: 5  | No data<br>available                  | No data<br>available                      | 48,000.00, Rat -<br>Category: NA |
| Aliphatic Hydrocarbon - (64742-49-0) | 5,000.00, Rat -<br>Category: 5   | 3,160.00,<br>Rabbit -<br>Category: 5  | No data<br>available                  | No data<br>available                      | No data<br>available             |
| Toluene - (108-88-3)                 | 636.00, Rat -<br>Category: 4     | 8,400.00,<br>Rabbit -<br>Category: NA | No data<br>available                  | No data<br>available                      | No data<br>available             |
| Neoprene rubber - (9010-98-4)        | No data<br>available             | No data<br>available                  | No data<br>available                  | No data<br>available                      | No data<br>available             |

|   |                                  |                                      |                      |                      |                      |
|---|----------------------------------|--------------------------------------|----------------------|----------------------|----------------------|
| Cyclohexane - (110-82-7)  | 12,705.00, Rat -<br>Category: NA | 2,000.00,<br>Rabbit -<br>Category: 4 | No data<br>available | No data<br>available | No data<br>available |
| FORMALDEHYDE, POLYMER WITH 4-(1,1-DIMETHYLETHYL)PH - (25085-50-1) | No data<br>available             | No data<br>available                 | No data<br>available | No data<br>available | No data<br>available |
| BUTADIENE, 2,3-DICHLORO-, POLYMER WITH 2-CHLORO-1, - (25067-95-2) | No data<br>available             | No data<br>available                 | No data<br>available | No data<br>available | No data<br>available |
| Rosin - (8050-09-7)   | 2,800.00, Rat -<br>Category: 5   | 2,500.00,<br>Rabbit -<br>Category: 5 | No data<br>available | No data<br>available | No data<br>available |

Note: When no route specific LD50 data is available for an acute toxin, the converted acute toxicity point estimate was used in the calculation of the product's ATE (Acute Toxicity Estimate).

| Classification                | Category | Hazard Description   |
|-------------------------------|----------|--|
| Acute toxicity (oral)         | 5        | May be harmful if swallowed. (Not adopted by US OSHA)              |
| Acute toxicity (dermal)       | ---      | Not Applicable   |
| Acute toxicity (inhalation)   | ---      | Not Applicable   |
| Skin corrosion/irritation     | 2        | Causes skin irritation.  |
| Serious eye damage/irritation | 2        | Causes serious eye irritation.                                     |
| Respiratory sensitization     | ---      | Not Applicable   |
| Skin sensitization            | 1        | May cause an allergic skin reaction.                               |
| Germ cell mutagenicity        | ---      | Not Applicable   |
| Carcinogenicity               | ---      | Not Applicable   |
| Reproductive toxicity         | 2        | Suspected of damaging the unborn child.                            |
| STOT-single exposure          | 3        | May cause drowsiness or dizziness.                                 |
| STOT-repeated exposure        | 2        | May cause damage to organs through prolonged or repeated exposure. |
| Aspiration hazard             | ---      | Not Applicable   |

## 12. Ecological information

### 12.1. Toxicity

Toxic to aquatic life with long lasting effects.

No additional information provided for this product. See Section 3 for chemical specific data.

#### Aquatic Ecotoxicity

| Ingredient                           | 96 hr LC50 fish,<br>mg/l       | 48 hr EC50 crustacea,<br>mg/l   | ErC50 algae,<br>mg/l            |
|--------------------------------------|--------------------------------|---------------------------------|---------------------------------|
| Acetone - (67-64-1)                  | 100.00, Pimephales<br>promelas | 10.00, Daphnia magna            | 20.565 (72 hr), Ulva<br>pertusa |
| Hexane - (110-54-3)                  | 2.50, Pimephales<br>promelas   | 3,878.00, Daphnia<br>magna      | Not Available                   |
| Aliphatic Hydrocarbon - (64742-49-0) | Not Available                  | 2.60, Chaetogammarus<br>marinus | Not Available                   |

|   |                           |                      |   |
|---|---------------------------|----------------------|---|
| Toluene - (108-88-3)  | 5.80, Oncorhynchus mykiss | 19.60, Daphnia magna | Not Available                             |
| Neoprene rubber - (9010-98-4)                                     | Not Available             | Not Available        | Not Available                             |
| Cyclohexane - (110-82-7)  | 8.20, Morone saxatilis    | 3.78, Daphnia magna  | 500.00 (72 hr), Scenedesmus subspicatus   |
| FORMALDEHYDE, POLYMER WITH 4-(1,1-DIMETHYLETHYL)PH - (25085-50-1) | Not Available             | Not Available        | Not Available                             |
| BUTADIENE, 2,3-DICHLORO-, POLYMER WITH 2-CHLORO-1, - (25067-95-2) | Not Available             | Not Available        | Not Available                             |
| Rosin - (8050-09-7)   | 1.00, Danio rerio         | 10.00, Daphnia magna | 100.00 (72 hr), Selenastrum capricornutum |

**12.2. Persistence and degradability**

There is no data available on the preparation itself.

**12.3. Bioaccumulative potential**

Not Measured

**12.4. Mobility in soil**

No data available.

**12.5. Results of PBT and vPvB assessment**

This product contains no PBT/vPvB chemicals.

**12.6. Other adverse effects**

No data available.

## 13. Disposal considerations

**13.1. Waste treatment methods**

Observe all federal, state and local regulations when disposing of this substance.

## 14. Transport information

|   | <b>DOT (Domestic Surface Transportation)</b>             | <b>IMO / IMDG (Ocean Transportation)</b>           | <b>ICAO/IATA</b>                         |
|---|--|--|--|
| <b>14.1. UN number</b>                    | UN1133   | UN1133   | UN1133                                   |
| <b>14.2. UN proper shipping name</b>      | UN1133, Adhesives, containing a flammable liquid, 3, III | Adhesives, containing a flammable liquid           | Adhesives, containing a flammable liquid |
| <b>14.3. Transport hazard class(es)</b>   | <b>DOT Hazard Class: 3</b><br><b>DOT Label: 3</b>        | <b>IMDG: 3</b><br><b>Sub Class: Not Applicable</b> | <b>Air Class: 3</b>                      |
| <b>14.4. Packing group</b>                | II   | II   | II                                       |
| <b>14.5. Environmental hazards</b>        |  |  |  |
| <b>IMDG</b>                               | Marine Pollutant: Yes (Hexane)                           |  |  |
| <b>14.6. Special precautions for user</b> | No further information                                   |  |  |

## 15. Regulatory information

|   |  |
|---|--|
| <b>Regulatory Overview</b>                | The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented.                                  |
| <b>Toxic Substance Control Act (TSCA)</b> | All components of this material are either listed or exempt from listing on the TSCA Inventory.  |
| <b>WHMIS Classification</b>               | B2 D2A   |
| <b>US EPA Tier II Hazards</b>             | <b>Fire:</b> Yes<br><b>Sudden Release of Pressure:</b> No<br><b>Reactive:</b> No<br><b>Immediate (Acute):</b> Yes<br><b>Delayed (Chronic):</b> Yes |

**EPCRA 311/312 Chemicals and RQs (lbs):**

|             |            |
|-------------|------------|
| Acetone     | (5,000.00) |
| Cyclohexane | (1,000.00) |
| Hexane      | (5,000.00) |
| Toluene     | (1,000.00) |

**EPCRA 302 Extremely Hazardous:**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**EPCRA 313 Toxic Chemicals:**

Cyclohexane  
Hexane  
Lead Compounds (as Pb)  
Toluene  
Zinc oxide

**Proposition 65 - Carcinogens (>0.0%):**

Benzene  
Cadmium  
Carbon black  
Ethyl Benzene  
Formaldehyde  
Lead Compounds (as Pb)  
TALC (Mg<sub>3</sub>H<sub>2</sub>(SiO<sub>3</sub>)<sub>4</sub>)

**Proposition 65 - Developmental Toxins (>0.0%):**

Benzene  
Lead Compounds (as Pb)  
Toluene

**Proposition 65 - Female Repro Toxins (>0.0%):**

Lead Compounds (as Pb)

**Proposition 65 - Male Repro Toxins (>0.0%):**

Benzene  
Cadmium  
Hexane  
Lead Compounds (as Pb)

**New Jersey RTK Substances (>1%):**

Acetone  
Cyclohexane  
Hexane  
Toluene

**Pennsylvania RTK Substances (>1%):**

Acetone  
Cyclohexane  
Hexane  
Toluene

## 16. Other information

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.

INTENTIONAL MISUSE BY DELIBERATE INHALATION OF TOLUENE HAS BEEN ASSOCIATED WITH LIVER, KIDNEY, AND BRAIN DAMAGE IN HUMANS. OVEREXPOSURE TO TOLUENE HAS BEEN FOUND TO CAUSE LIVER, KIDNEY, NASAL, AND BRAIN DAMAGE IN LABORATORY ANIMALS. REPEATED OVEREXPOSURE TO HIGH VAPOR CONCENTRATIONS (1000ppm) OF N-HEXANE CAN CAUSE IRREVERSIBLE NERVE DAMAGE. THIS NEUROTOXICITY CAN BE ENHANCED BY THE PRESENCE OF METHYL ETHYL KETONE.

The full text of the phrases appearing in section 3 is:

H225 Highly flammable liquid and vapor.

H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H336 May cause drowsiness and dizziness.

H361d Suspected of damaging the unborn child.

H361f Suspected of damaging fertility.

H373 May cause damage to organs through prolonged or repeated exposure.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

H411 Toxic to aquatic life with long lasting effects.

**SDS Revision History**

|                    |  |                   |
|--------------------|--|-------------------|
| <b>Version 1.1</b> | <b>Initial SDS issued</b>  | <b>4/11/2015</b>  |
| <b>Version 1.2</b> | <b>Section 1.3 Change to Emergency Tele. Number</b>  | <b>6/17/2015</b>  |
| <b>Version 1.3</b> | <b>Section 1.3 Update to Emergency Tele. Number, Section 15 Hexane added to CA Proposition 65 data</b> | <b>12/12/2018</b> |

ALL INFORMATION IS BASED UPON DATA FROM MFG'S AND/OR TECHNICAL SOURCE, & IS BELIEVED TO BE ACCURATE. CONDITIONS OF USE ARE BEYOND OUR CONTROL & THEREFORE USERS ARE RESPONSIBLE TO VERIFY THIS DATA UNDER THEIR OWN CONDITIONS TO DETERMINE SUITABILITY FOR THEIR PURPOSE, & THEY ASSUME ALL RISKS OF USE, HANDLING, & DISPOSAL, OR FROM USE OF INFORMATION CONTAINED HEREIN. THIS INFORMATION RELATES ONLY TO THE PRODUCT DESIGNATED HEREIN, AND DOES NOT RELATE TO ITS USE IN COMBINATION WITH OTHER MATERIAL OR IN ANY OTHER PROCESS.

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