

# SAFETY DATA SHEET

## PROSOCO, Inc.



Issue Date 29-Oct-2014

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Version 1

### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

**Product identifier**

**Product Name** Consolideck® Cure & Seal Remover

**Other means of identification**

**Product Code** 46050

**Recommended use of the chemical and restrictions on use**

**Recommended Use** Restricted to professional users.

**Uses advised against** No information available

**Details of the supplier of the safety data sheet**

**Manufacturer Address**

PROSOCO, Inc.  
3741 Greenway Circle  
Lawrence, Kansas 66046

**Emergency telephone number**

**8:00 AM – 5:00 PM CST Monday-Friday** 785-865-4200  
**NON-BUSINESS HOURS (INFOTRAC)** 800-535-5053

### 2. HAZARDS IDENTIFICATION

**Classification**

|   |             |
|---|-------------|
| Acute toxicity - Inhalation (Dusts/Mists) | Category 4  |
| Skin corrosion/irritation                 | Category 2  |
| Serious eye damage/eye irritation         | Category 2A |
| Flammable liquids                         | Category 4  |

**Label elements**

**Emergency Overview**

**Warning**

**Hazard statements**

Harmful if inhaled  
Causes skin irritation  
Causes serious eye irritation  
Combustible liquid

**Appearance** clear**Physical state** Liquid**Odor** Characteristic**Precautionary Statements - Prevention**

Avoid breathing dust/fume/gas/mist/vapors/spray  
 Use only outdoors or in a well-ventilated area  
 Wash face, hands and any exposed skin thoroughly after handling  
 Wear protective gloves/protective clothing/eye protection/face protection  
 Keep away from heat/sparks/open flames/hot surfaces. — No smoking

**Precautionary Statements - Response**

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
 If eye irritation persists: Get medical advice/attention  
 IF ON SKIN: Wash with plenty of soap and water  
 If skin irritation occurs: Get medical advice/attention  
 Take off contaminated clothing and wash before reuse  
 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing  
 Call a POISON CENTER or doctor/physician if you feel unwell  
 In case of fire: Use CO<sub>2</sub>, dry chemical, or foam for extinction

**Precautionary Statements - Storage**

Store in a well-ventilated place. Keep cool

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**Hazards not otherwise classified (HNOC)****Other Information**

- May be harmful if swallowed
- May be harmful in contact with skin

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name                      | CAS No      | Weight-% | Trade Secret |
|------------------------------------|-------------|----------|--------------|
| Benzyl Alcohol                     | 100-51-6    | 15 - 40  | *            |
| Dimethyl Glutarate                 | 1119-40-0   | 10 - 30  | *            |
| 3-Ethoxypropionic acid ethyl ester | 763-69-9    | 10 - 30  | *            |
| Dimethyl Adipate                   | 627-93-0    | 7 - 13   | *            |
| Alcohols, C9-11, ethoxylated       | Proprietary | 3 - 7    | *            |
| Monoethanolamine                   | 141-43-5    | 1 - 5    | *            |

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

### 4. FIRST AID MEASURES

**First aid measures**

|   |  |
|---|--|
| <b>General advice</b>                     | If symptoms persist, call a physician. Do not breathe dust/fume/gas/mist/vapors/spray. Do not get in eyes, on skin, or on clothing.  |
| <b>Eye contact</b>                        | Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Keep eye wide open while rinsing. If symptoms persist, call a physician.  |
| <b>Skin Contact</b>                       | Wash off immediately with plenty of water for at least 15 minutes. Remove contaminated clothing and shoes. Wash contaminated clothing before reuse. If skin irritation persists, call a physician.   |
| <b>Inhalation</b>                         | Move to fresh air in case of accidental inhalation of vapors or decomposition products. If breathing is irregular or stopped, administer artificial respiration. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. Call a physician. |
| <b>Ingestion</b>                          | Clean mouth with water and drink afterwards plenty of water. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Call a physician.  |
| <b>Self-protection of the first aider</b> | Use personal protective equipment as required.   |

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

**Symptoms** Causes eye and skin irritation. Harmful if swallowed. Harmful if inhaled.

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

**Note to physicians** Treat symptomatically.

**5. FIRE-FIGHTING MEASURES****Suitable Extinguishing Media**

Use. Dry chemical. Carbon dioxide (CO<sub>2</sub>). Water spray (fog). Alcohol resistant foam.

**Unsuitable Extinguishing Media** Caution: Use of water spray when fighting fire may be inefficient.

**Specific hazards arising from the chemical**

Keep product and empty container away from heat and sources of ignition. Risk of ignition.

**Protective equipment and precautions for firefighters**

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

**6. ACCIDENTAL RELEASE MEASURES****Personal precautions, protective equipment and emergency procedures**

**Personal precautions** Use personal protective equipment as required. Remove all sources of ignition. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.

**Environmental precautions**

**Environmental precautions** Prevent entry into waterways, sewers, basements or confined areas. Do not flush into surface water or sanitary sewer system. Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. See Section 12 for additional ecological information.

**Methods and material for containment and cleaning up**

**Methods for containment** Prevent further leakage or spillage if safe to do so. Dike far ahead of liquid spill for later disposal.

**Methods for cleaning up** Dam up. Cover liquid spill with sand, earth or other non-combustible absorbent material. Pick up and transfer to properly labeled containers. Take precautionary measures against static discharges.

## 7. HANDLING AND STORAGE

### Precautions for safe handling

**Advice on safe handling** Avoid contact with skin, eyes or clothing. Use personal protective equipment as required. Wash contaminated clothing before reuse. Do not breathe dust/fume/gas/mist/vapors/spray. Do not eat, drink or smoke when using this product. Use with local exhaust ventilation. Keep away from heat/sparks/open flames/hot surfaces. — No smoking.

### Conditions for safe storage, including any incompatibilities

**Storage Conditions** Keep out of the reach of children. Keep container tightly closed in a dry and well-ventilated place. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Keep containers tightly closed in a cool, well-ventilated place. Keep away from heat. Keep in properly labeled containers.

**Incompatible materials** Incompatible with oxidizing agents. Acids. Acetaldehyde. Isocyanates. Aluminum compounds.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

#### Exposure Guidelines

| Chemical Name                | ACGIH TLV                 | OSHA PEL  | NIOSH IDLH  |
|------------------------------|---------------------------|---|---|
| Monoethanolamine<br>141-43-5 | STEL: 6 ppm<br>TWA: 3 ppm | TWA: 3 ppm<br>TWA: 6 mg/m <sup>3</sup><br>(vacated) TWA: 3 ppm<br>(vacated) TWA: 8 mg/m <sup>3</sup><br>(vacated) STEL: 6 ppm<br>(vacated) STEL: 15 mg/m <sup>3</sup> | IDLH: 30 ppm<br>TWA: 3 ppm<br>TWA: 8 mg/m <sup>3</sup><br>STEL: 6 ppm<br>STEL: 15 mg/m <sup>3</sup> |

*NIOSH IDLH Immediately Dangerous to Life or Health*

**Other Information** Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).

### Appropriate engineering controls

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

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

**Eye/face protection** Wear safety glasses with side shields (or goggles).

**Skin and body protection** Wear protective gloves and protective clothing.

**Respiratory protection**

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

**General Hygiene Considerations**

When using do not eat, drink or smoke. Regular cleaning of equipment, work area and clothing is recommended. Wash contaminated clothing before reuse.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Information on basic physical and chemical properties**

|                                     |                          |                         |                          |
|-------------------------------------|--------------------------|-------------------------|--------------------------|
| <b>Physical state</b>               | Liquid                   | <b>Odor</b>             | Characteristic           |
| <b>Appearance</b>                   | clear                    | <b>Odor threshold</b>   | No information available |
| <b>Color</b>                        | colorless                |                         |                          |
| <b>Property</b>                     | <b>Values</b>            | <b>Remarks • Method</b> |                          |
| <b>pH</b>                           | Not Applicable           | Not Applicable          |                          |
| <b>Melting point/freezing point</b> | No information available |                         |                          |
| <b>Boiling point/boiling range</b>  | No information available |                         |                          |
| <b>Flash point</b>                  | 92 °C / 198 °F           | ASTM D 3278             |                          |
| <b>Evaporation rate</b>             | No information available |                         |                          |
| <b>Flammability (solid, gas)</b>    | No information available |                         |                          |
| <b>Flammability Limits in Air</b>   |                          |                         |                          |
| <b>Upper flammability limits</b>    | No information available |                         |                          |
| <b>Lower flammability limit</b>     | No information available |                         |                          |
| <b>Vapor pressure</b>               | No information available |                         |                          |
| <b>Vapor density</b>                | No information available |                         |                          |
| <b>Specific Gravity</b>             | 1.04                     |                         |                          |
| <b>Water solubility</b>             | partially soluble        |                         |                          |
| <b>Solubility in other solvents</b> | No information available |                         |                          |
| <b>Partition coefficient</b>        | No information available |                         |                          |
| <b>Autoignition temperature</b>     | No information available |                         |                          |
| <b>Decomposition temperature</b>    | No information available |                         |                          |
| <b>Kinematic viscosity</b>          | No information available |                         |                          |
| <b>Dynamic viscosity</b>            | No information available |                         |                          |

## 10. STABILITY AND REACTIVITY

**Reactivity**

No data available

**Chemical stability**

Stable under recommended storage conditions.

**Possibility of Hazardous Reactions**

None under normal processing.

**Conditions to avoid**

Heat, flames and sparks.

**Incompatible materials**

Incompatible with oxidizing agents. Acids. Acetaldehyde. Isocyanates. Aluminum compounds.

**Hazardous Decomposition Products**

Hazardous combustion products. Carbon oxides. Nitrogen oxides (NOx).

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

|                            |  |
|----------------------------|--|
| <b>Product Information</b> | Causes serious eye irritation Causes skin irritation Harmful by inhalation |
| <b>Inhalation</b>          | Harmful by inhalation.   |
| <b>Eye contact</b>         | Causes serious eye irritation.   |
| <b>Skin Contact</b>        | Irritating to skin.  |
| <b>Ingestion</b>           | Harmful if swallowed.  |

| Chemical Name                                  | Oral LD50            | Dermal LD50                                     | Inhalation LC50        |
|--|----------------------|---|------------------------|
| Benzyl Alcohol<br>100-51-6                     | = 1230 mg/kg ( Rat ) | = 2000 mg/kg ( Rabbit )                         | = 8.8 mg/L ( Rat ) 4 h |
| Dimethyl Glutarate<br>1119-40-0                | = 8191 mg/kg ( Rat ) | -   | > 5.6 mg/L ( Rat ) 4 h |
| 3-Ethoxypropionic acid ethyl ester<br>763-69-9 | = 3200 mg/kg ( Rat ) | = 10 mL/kg ( Rabbit )                           | -                      |
| Dimethyl Adipate<br>627-93-0                   | = 1920 mg/kg ( Rat ) | -   | -                      |
| Alcohols, C9-11, ethoxylated                   | = 1378 mg/kg ( Rat ) | > 2 g/kg ( Rabbit )                             | -                      |
| Monoethanolamine<br>141-43-5                   | = 1720 mg/kg ( Rat ) | = 1 mL/kg ( Rabbit ) = 1025 mg/kg<br>( Rabbit ) | -                      |

### Information on toxicological effects

|                 |   |
|-----------------|---|
| <b>Symptoms</b> | Causes serious eye irritation. Causes skin irritation. May cause respiratory irritation.<br>Harmful if inhaled. |
|-----------------|---|

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

|                                 |   |
|---------------------------------|---|
| <b>Sensitization</b>            | No information available.   |
| <b>Germ cell mutagenicity</b>   | No information available.   |
| <b>Carcinogenicity</b>          | This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP. This product contains one or more substances which are classified by IARC as carcinogenic to humans (Group I), probably carcinogenic to humans (Group 2A) or possibly carcinogenic to humans (Group 2B). |
| <b>Reproductive toxicity</b>    | No information available.   |
| <b>STOT - single exposure</b>   | No information available.   |
| <b>STOT - repeated exposure</b> | No information available.   |
| <b>Target Organ Effects</b>     | central nervous system, Eyes, Respiratory system, Skin.   |
| <b>Aspiration hazard</b>        | No information available.   |

### Numerical measures of toxicity - Product Information

#### Unknown Acute Toxicity

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

|                               |                 |
|-------------------------------|-----------------|
| ATEmix (oral)                 | 2001 mg/kg      |
| ATEmix (dermal)               | 4253 mg/kg mg/l |
| ATEmix (inhalation-dust/mist) | 4.2 mg/l        |

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

| Chemical Name                                     | Algae/aquatic plants                         | Fish   | Toxicity to microorganisms | Crustacea                                      |
|---|--|--|----------------------------|--|
| Benzyl Alcohol<br>100-51-6                        | 35: 3 h Anabaena variabilis<br>mg/L EC50     | 460: 96 h Pimephales<br>promelas mg/L LC50 static<br>10: 96 h Lepomis<br>macrochirus mg/L LC50<br>static   | -                          | 23: 48 h water flea mg/L<br>EC50               |
| Dimethyl Glutarate<br>1119-40-0                   | -  | 19.6 - 26.2: 96 h Pimephales<br>promelas mg/L LC50 static  | -                          | 122.1 - 163.5: 48 h Daphnia<br>magna mg/L EC50 |
| 3-Ethoxypropionic acid ethyl<br>ester<br>763-69-9 | -  | 62: 96 h Pimephales<br>promelas mg/L LC50 static   | -                          | 970: 48 h Daphnia magna<br>mg/L EC50           |
| Monoethanolamine<br>141-43-5                      | 15: 72 h Desmodemus<br>subspicatus mg/L EC50 | 227: 96 h Pimephales<br>promelas mg/L LC50<br>flow-through 3684: 96 h<br>Brachydanio rerio mg/L<br>LC50 static 300 - 1000: 96 h<br>Lepomis macrochirus mg/L<br>LC50 static 114 - 196: 96 h<br>Oncorhynchus mykiss mg/L<br>LC50 static 200: 96 h<br>Oncorhynchus mykiss mg/L<br>LC50 flow-through | -                          | 65: 48 h Daphnia magna<br>mg/L EC50            |

**Persistence and degradability**

No information available.

**Bioaccumulation**

No information available.

| Chemical Name                                  | Partition coefficient |
|--|-----------------------|
| Benzyl Alcohol<br>100-51-6                     | 1.1                   |
| 3-Ethoxypropionic acid ethyl ester<br>763-69-9 | 1.35                  |
| Monoethanolamine<br>141-43-5                   | -1.91                 |

**Other adverse effects**

No information available

**13. DISPOSAL CONSIDERATIONS****Waste treatment methods****Disposal of wastes**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated packaging**

Do not reuse container.

This product contains one or more substances that are listed with the State of California as a hazardous waste.

**14. TRANSPORT INFORMATION****DOT**

Not regulated

## 15. REGULATORY INFORMATION

### International Inventories

TSCA Complies  
 DSL/NDSL Complies

### Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory  
 DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

### US Federal Regulations

#### **SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

#### **SARA 311/312 Hazard Categories**

|                                   |     |
|-----------------------------------|-----|
| Acute health hazard               | Yes |
| Chronic Health Hazard             | No  |
| Fire hazard                       | Yes |
| Sudden release of pressure hazard | No  |
| Reactive Hazard                   | No  |

#### **CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

#### **CERCLA**

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

### US State Regulations

#### **California Proposition 65**

This product contains the following Proposition 65 chemicals

| Chemical Name                 | California Proposition 65            |
|-------------------------------|--------------------------------------|
| N,N-Diethanolamine - 111-42-2 | Carcinogen                           |
| Toluene - 108-88-3            | Developmental<br>Female Reproductive |
| Ethyl acrylate - 140-88-5     | Carcinogen                           |

#### **U.S. State Right-to-Know Regulations**

| Chemical Name                | New Jersey | Massachusetts | Pennsylvania |
|------------------------------|------------|---------------|--------------|
| Monoethanolamine<br>141-43-5 | X          | X             | X            |

## 16. OTHER INFORMATION



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|             |                  |                |                    |                                    |
|-------------|------------------|----------------|--------------------|------------------------------------|
| <u>NFPA</u> | Health hazards 2 | Flammability 2 | Instability 0      | Physical and Chemical Properties - |
| <u>HMIS</u> | Health hazards 2 | Flammability 2 | Physical hazards 0 | Personal protection X              |

Prepared By Regulatory Department

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**Revision Note**

No information available

**Disclaimer**

The information contained on the Material Safety Data Sheet has been compiled from data considered accurate. This data is believed to be reliable, but it must be pointed out that values for certain properties are known to vary from source to source. PROSOCO, Inc. expressly disclaims any warranty express or implied as well as any liability for any injury or loss arising from the use of this information or the materials described. This data is not to be construed as absolutely complete since additional data may be desirable when particular conditions or circumstances exist. It is the responsibility of the user to determine the best precautions necessary for the safe handling and use of this product for his unique application. This data relates only to the specific material designated and is not to be used in combination with any other material. Many federal and state regulations pertain directly or indirectly to the product's end use and disposal of containers and unused material. It is the purchaser's responsibility to familiarize himself with all applicable regulations.

**End of Safety Data Sheet**