Material Safety Data Sheet

1. PRODUCT IDENTIFICATION

Product Name: DEVCON WELDIT™ ALL PURPOSE ADHESIVE
Product Type: Adhesive

This product appears in the following stock number(s):
18245

2. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Component</th>
<th>Weight%</th>
<th>ACGIH; TLV-TWA</th>
<th>OSHA PEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACETONE</td>
<td>40-70</td>
<td>500 ppm</td>
<td>1000 ppm; 2400 mg/m³</td>
</tr>
<tr>
<td>METHYL ETHYL KETONE (BUTANONE)</td>
<td>10-30</td>
<td>200 ppm</td>
<td>200 ppm; 590 mg/m³</td>
</tr>
<tr>
<td>DIBUTYL PHthalate</td>
<td>&lt;3</td>
<td>5 mg/m³</td>
<td>5 mg/m³</td>
</tr>
</tbody>
</table>

3. HAZARDS IDENTIFICATION

Toxicity: This material is irritating to skin, eyes and respiratory tract. Harmful if swallowed. High concentrations may cause central nervous system (CNS) depression. Prolonged and repeated exposure to methyl ethyl ketone and/or n-hexane may cause peripheral neuropathy by damaging peripheral nerve tissue (that of arms and legs) and result in muscular weakness and loss of sensation.

Primary Routes of Entry: Eye and skin contact, ingestion, inhalation

Signs and Symptoms of Exposure: May cause pain, redness or swelling of the eyes and excessive blinking and tear production. Prolonged skin contact may defat the skin and produce dermatitis. Ingestion may cause nausea and vomiting. Excessive exposure may cause abdominal discomfort, lumbar pain, CNS depression and kidney or liver damage.

<table>
<thead>
<tr>
<th>Component</th>
<th>Weight%</th>
<th>NTP</th>
<th>ACGIH; Carcinogens</th>
<th>IARC Carcinogen</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACETONE</td>
<td>40-70</td>
<td>NTP</td>
<td>A4 - Not Classifiable as a Human Carcinogen</td>
<td></td>
</tr>
</tbody>
</table>

Aggravated Medical Condition: Persons with preexisting respiratory, liver, kidney, eye or skin diseases may be adversely affected.

4. FIRST AID MEASURES

Ingestion: Do not induce vomiting. Slowly dilute with 1-2 glasses of water or milk and seek medical attention. Never give anything by mouth to an unconscious person

Inhalation: Move to fresh air in case of accidental inhalation of vapours. Oxygen or artificial respiration if needed. If symptoms persist, call a physician.

Skin Contact: Remove contaminated clothing and launder before reuse. Wash with soap and water. If skin irritation persists, call a physician.

Eye Contact: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists

5. FIRE FIGHTING MEASURES

Flash Point °F(°C): -4°F (-20°C)

Recommended Extinguishing Media: Carbon dioxide, Dry chemical, Foam

Special Fire-Fighting Procedures: Firefighters should wear self-contained breathing apparatus and protective clothing to prevent all skin and eye contact

Hazardous Products of Combustion: Oxides of carbon, Oxides of nitrogen

Unusual Fire/Explosion Hazards: Danger! This product is extremely flammable. May cause flash fire. Exposure to temperatures over 120 degrees F. may cause bursting or venting. Keep away from heat and sources of ignition.
5. FIRE FIGHTING MEASURES

   Lower Explosive Limit: 0.5%
   Upper Explosive Limit: 12.8%

6. ACCIDENTAL RELEASE MEASURES


7. HANDLING AND STORAGE

   Storage: Store away from heat, sparks or open flame. Do not store at temperatures above 100°F (38°C).
   Handling: Danger: Extremely flammable. Do not use near heat, sparks or open flame. Vapors may accumulate readily and may ignite explosively. Avoid contact with skin and eyes. Use only in a well ventilated area. Wash hands before eating and smoking. Keep container closed when not in use.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

   Eyes: Safety glasses
   Skin: Neoprene or nitrile gloves recommended
   Ventilation: General; local exhaust ventilation as necessary to control any air contaminants to within their exposure limits (or to the lowest feasible levels when limits have not been established) during the use of this product
   Respiratory Protection: An approved organic vapor respirator should be worn when exposures are expected to exceed the applicable limits

9. PHYSICAL AND CHEMICAL PROPERTIES

   Appearance: Clear liquid
   Odor: Ketone
   Boiling Point: 132°F (55°C)
   pH: Not applicable
   Solubility in Water: Slight
   Specific Gravity: 0.6
   VOC(Wt.%): 1.087 lb/gal
   Vapor Pressure: Not Determined
   Vapor Density (Air=1): >1
   Evaporation Rate: Slower than ether

10. STABILITY AND REACTIVITY

    Chemical Stability: Stable at normal conditions
    Hazardous Polymerization: Will not occur
    Incompatibilities: Strong oxidizers, Strong bases, Acids, Amines
    Conditions to Avoid: Keep away from heat, sparks and flame.
    Hazardous Products of Combustion: Oxides of carbon, Oxides of nitrogen

11. TOXICOLOGICAL INFORMATION

    See Section 3

12. ECOLOGICAL INFORMATION

    No data available

13. DISPOSAL CONSIDERATIONS

    Recommended Method of Disposal: Disposal should be made in accordance with federal, state and local regulations
    US EPA Waste Number: D001/D035 as per 40CFR 261.21 and a TCLP waste per 261.24 (methyl ethyl ketone and benzene)

14. TRANSPORTATION INFORMATION

    DOT (49CFR 172)
    U.S. Department of Transportation - DOT - 49 CFR (Ground)
    DOT Shipping Name: Adhesives, Limited Quantity
    Hazard Class: Class 3, PG II
    UN/ID Number: UN 1133
    IATA (Air)
    Proper Shipping Name: Consumer Commodity
    Class or Division: Class 9
    UN/ID Number: ID 8000
### 14. TRANSPORTATION INFORMATION

**IMDG (Vessel)**

<table>
<thead>
<tr>
<th>Proper Shipping Name</th>
<th>Adhesives, Limited Quantity</th>
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</thead>
<tbody>
<tr>
<td>Hazard Class:</td>
<td>Class 3, PG II</td>
</tr>
<tr>
<td>UN Number:</td>
<td>UN 1133</td>
</tr>
</tbody>
</table>

### 15. REGULATORY INFORMATION

**SARA 313 Chemicals:** The following component(s) is listed as a SARA Section 313 Toxic Chemical.

**SARA 313 Information**

Dibutyl phthalate

**California Proposition 65:**

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

**TSCA Inventory Status:**

All components of this product are listed (or exempt) on the EPA TSCA inventory.

### 16. OTHER INFORMATION

**Estimated NFPA Rating:**

HEALTH 2, FLAMMABILITIY 3, REACTIVITY 0

**Estimated HMIS Classification:**

HEALTH 2, FLAMMABILITY 3, PHYSICAL HAZARD 0

(NFPA is a registered trademark of the National Fire Protection Association)

(HMIS is a registered trademark of the National Paint and Coatings Association)

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