MATERIAL SAFETY DATA SHEET
L-147E

Section 1 - Product Identification

J. WALTER COMPANY LTD.
5977 Transcanada Highway
Pointe-Claire, Quebec
H9R 1C1
Emergency: CANUTEC (613) 996-6666

Trade name: E-WELD 4
Product name: Weld spatter release emulsion
Order no.: 53-F 403, 53-F 406, 53-F 407, 53-F 408
WHMIS Classification: Non-hazardous
Controlled under WHMIS: No

Section 2 - Hazardous Ingredients

<table>
<thead>
<tr>
<th>Ingredients</th>
<th>CAS Number</th>
<th>% by Weight</th>
<th>LD50/RAT</th>
<th>LC50/RAT</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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</tbody>
</table>

No hazardous ingredients to declare

Weld spatter release agent formulated with natural rape seed extracts and special emulsifiers

Section 3 - Physical / Chemical Characteristics

<table>
<thead>
<tr>
<th>Physical state: Liquid</th>
<th>Odour &amp; appearance: Green color, citrus odor</th>
<th>Odour threshold: None</th>
</tr>
</thead>
<tbody>
<tr>
<td>pH: 8.6</td>
<td>Boiling point: 98°C</td>
<td>Freezing point: 0°C</td>
</tr>
<tr>
<td>Density: 0.99 g/ml</td>
<td>Vapour pressure: N/Av</td>
<td>Vapour density: N/Av</td>
</tr>
<tr>
<td>Evaporation rate: N/Av</td>
<td>VOC (g/L): 0</td>
<td>Water solubility: Soluble</td>
</tr>
</tbody>
</table>

Section 4 - Fire & Explosion Hazard

Flammability: No Conditions: None
Flashpoint: N/AV
Auto ignition temperature: N/A
Flammable limits (%): Upper: N/A Lower: N/A
Extinguishing media: N/A
Hazardous combustion products: None
Sensitivity to mechanical impact or static discharge: No

Section 5 - Reactivity Data

Chemical stability: Yes Conditions: None
Reactivity conditions: None
Incompatible substances: None known
Hazardous decomposition products: None

N/A - Not Applicable
N/Av - Not Available
Section 6 - Toxicological Data

Route of entry: Eye and skin contact, ingestion.
Acute exposure effects: Eye contact may cause slight irritation.
Chronic exposure effects: None
Exposure limits (TLV/TWA): N/A

<table>
<thead>
<tr>
<th>Carcinogenicity</th>
<th>Mutagenicity</th>
<th>Reproductive toxicity</th>
<th>Teratogenicity</th>
<th>Synergistic effects</th>
</tr>
</thead>
<tbody>
<tr>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
</tbody>
</table>

If yes to any of the above, specify:

Section 7 - Preventive Measures

Protective equipment: Eyewear
Handling procedures: None
Waste disposal methods: Dispose as per municipal, provincial and federal regulations.
Leak/spill procedures: Flush with water.
Storage requirements: Store upright. Protect from freezing.
Engineering controls: None
Handling equipment: None
Special shipping information: Ship upright. Protect from freezing.

Section 8 - First Aid Measures

Skin contact: Rinse with plenty of fresh water.
Eye contact: Flush with plenty of fresh water. Consult a physician
Inhalation: N/A
Ingestion: Rinse out mouth with water and give plenty of water to drink. Summon a physician
Other:

Section 9 - Preparation of MSDS

Prepared by: International Product Manager - Chemical tools
Telephone: 1-888-592-5837
Date: December 15\textsuperscript{th}, 2010

This data is offered in good faith as typical values and not as a product specification. No warranty, either express or implied is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.

N/A - Not Applicable
N/Av - Not Available
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