SECTION 1) CHEMICAL PRODUCT AND MANUFACTURER’S IDENTIFICATION

Product Name: E-WELD 4
Synonym: L-147
Product Code: 53-F 403 (500 mL), 53-F 405 (3.78 L), 53-F 407 (20 L), 53-F 408 (208 L)
Revision Date: Jan 15, 2020
Version: 1.0
Manufacturer’s Name: United States - Walter Surface Technologies Inc.
Address: 810 Day Hill Road Windsor, CT, US, 06095
Emergency Phone: INFOTRAC® 1-800-535-5053. International call collect: 1-352-323-3500 24 hours/day, 7 days/week.
Information Phone Number: +1 (866) 592-5837
Fax:
Product/Recommended Uses: Weld spatter release emulsion.

SECTION 2) HAZARDS IDENTIFICATION

Classification
Not classified as a hazardous substance or mixture in accordance to the United States Occupational Safety and Health Administration (OSHA) Hazard Communication Standard (29 CFR 1910.1200) and the Canadian Workplace Hazardous Materials Information System (WHMIS).

SECTION 3) COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>CAS</th>
<th>Chemical Name</th>
<th>% By Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>0067762-38-3</td>
<td>FATTY ACIDS, C16-18 AND C18-UNSATD., ME ESTERS</td>
<td>1.00% - 5.00%</td>
</tr>
<tr>
<td>0025322-68-3</td>
<td>POLYETHYLENE GYLCOL</td>
<td>1.00% - 5.00%</td>
</tr>
</tbody>
</table>

Specific chemical identity and/or exact percentage (concentration) of the composition has been withheld to protect confidentiality.

SECTION 4) FIRST-AID MEASURES

Inhalation
Remove source of exposure or move person to fresh air and keep comfortable for breathing. Get medical advice/attention if you feel unwell or are concerned.

Eye Contact
If irritation occurs, cautiously rinse eyes with lukewarm, gently flowing water for 5 minutes, while holding the eyelids open. If eye irritation persists: Get medical advice/attention.

Skin Contact
Rinse/wash with lukewarm, gently flowing water and mild soap for 5 minutes or until product is removed. If skin irritation occurs or you feel unwell: Get medical advice/attention.

Ingestion
Rinse mouth. If you feel unwell/If concerned: Get medical advice/attention.

Most important symptoms and effects, both acute and delayed
No data available.
Indication of any immediate medical attention and special treatment needed
Treat according to symptoms (decontamination, vital functions), no known specific antidote. Treatment should be supportive and based on the judgement of the physician in response to the reaction of the patient.

SECTION 5) FIRE-FIGHTING MEASURES

Suitable Extinguishing Media
Small Fire: Dry chemical, foam, carbon dioxide, water-spray or alcohol-resistant foam. Large Fire: Dry chemical, CO2, alcohol resistant foam or water spray. Carbon dioxide can displace oxygen. Use caution when applying carbon dioxide in confined spaces.

Unsuitable Extinguishing Media
Do not use water jet.

Specific Hazards in Case of Fire
Dense smoke may be generated while burning.

Fire-fighting Procedures
Stop spill/release if it can be done safely. Move undamaged containers from immediate hazard area if it can be done safely. Water spray is recommended to cool or protect exposed materials or structures. Caution should be exercised when using water or foam as frothing may occur, especially if sprayed into containers of hot, burning liquid. Simultaneous use of foam and water on the same surface is to be avoided as water destroys the foam. Water spray may be useful in minimizing or dispersing vapors and to protect personnel. Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

Special Protective Actions
Wear protective pressure self-contained breathing apparatus (SCBA) and full turnout gear.

SECTION 6) ACCIDENTAL RELEASE MEASURES

Emergency Procedure
Isolate hazard area and keep unauthorized personnel away. Do not touch or walk through spilled material. Ventilate closed spaces before entering.

Recommended Equipment
See section 8 for specifics on protective personal equipment (PPE).

Personal Precautions
Avoid breathing vapor or mist. Do not touch damaged containers or spilled materials unless wearing appropriate protective clothing.

Environmental Precautions
Prevent spilled material from entering sewers, storm drains, other unauthorized drainage systems and natural waterways by using sand, earth, or other appropriate barriers.

Methods and Materials for Containment and Cleaning up
Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.

SECTION 7) HANDLING AND STORAGE

General
Avoid breathing vapor or mist. Avoid contact with skin, eye or clothing. Eating, drinking and smoking in work areas is prohibited. Remove contaminated clothing and protective equipment before entering eating areas. Use good personal hygiene practices. Wash hands after use.

Ventilation Requirements
Report ventilation failures immediately. Use only with adequate ventilation to control air contaminants to their exposure limits.

Storage Room Requirements
Store in cool, dry, well-ventilated areas away from heat, direct sunlight and strong oxidizers. Keep container(s) tightly closed and properly labeled. Containers that have been opened must be carefully resealed to prevent leakage.
SECTION 8) EXPOSURE CONTROLS/PERSONAL PROTECTION

Eye protection

Wear eye protection with side shields or goggles.

Skin Protection

Use of gloves approved to relevant standards made from the following materials may provide suitable chemical protection: PVC, neoprene or nitrile rubber gloves. Suitability and durability of a glove is dependent on usage, e.g. frequency and duration of contact, chemical resistance of glove material, glove thickness, dexterity. Always seek advice from glove suppliers. Contaminated gloves should be replaced. Use of an apron and over-boots of chemically impervious materials such as neoprene or nitrile rubber.

Respiratory protection

If engineering controls do not maintain airborne concentrations to a level which is adequate to protect worker, a respiratory protection program that meets or is equivalent to OSHA 29 CFR 1910.134 should be followed. Check with respiratory protective equipment suppliers.

Appropriate Engineering Controls

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>OSHA Tables (Z1, Z2, Z3)</th>
<th>OSHA Carcinogen</th>
<th>OSHA TWA (ppm)</th>
<th>OSHA TWA (mg/m3)</th>
<th>OSHA STEL (ppm)</th>
<th>OSHA STEL (mg/m3)</th>
<th>ACGIH TWA (ppm)</th>
<th>ACGIH TWA (mg/m3)</th>
<th>NIOSH Carcinogen</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH STEL (ppm)</th>
<th>ACGIH STEL (mg/m3)</th>
<th>NIOSH TWA (ppm)</th>
<th>NIOSH TWA (mg/m3)</th>
<th>NIOSH STEL (ppm)</th>
<th>NIOSH STEL (mg/m3)</th>
<th>ACGIH Carcinogen</th>
<th>NIOSH Carcinogen</th>
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</thead>
</table>

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH TLV Basis</th>
<th>ACGIH Notations</th>
<th>OSHA Skin designation</th>
</tr>
</thead>
</table>

(C) - Ceiling limit, (IFV) - Inhalable fraction and vapor, A2 - Suspected Human Carcinogen, A4 - Not Classifiable as a Human Carcinogen, CNS - Central nervous system, dam - Damage, DSEN - Dermal sensitization, eff - Effects, impair - Impairment, irr - Irritation, URT - Upper respiratory tract

The information in this Section does not list non-hazardous components that might have relevant regulatory values, if they are present at less than 1%. Please contact manufacturer for more information.

SECTION 9) PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Density</td>
<td>1.01 g/ml</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>1.01</td>
</tr>
<tr>
<td>% Solids By Weight</td>
<td>N/A</td>
</tr>
<tr>
<td>% VOC</td>
<td>0.00%</td>
</tr>
<tr>
<td>Appearance</td>
<td>White milky liquid</td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>Citrus</td>
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<tr>
<td>pH</td>
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<tr>
<td>Flammability</td>
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</tr>
<tr>
<td>Flash Point</td>
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<tr>
<td>Low Boiling Point</td>
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<tr>
<td>High Boiling Point</td>
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<tr>
<td>Auto Ignition Temp</td>
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<tr>
<td>Melting Point</td>
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<tr>
<td>Vapor Density</td>
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</tr>
<tr>
<td>Vapor Pressure</td>
<td>N/A</td>
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<tr>
<td>Evaporation Rate</td>
<td>N/A</td>
</tr>
<tr>
<td>Upper Explosion Level</td>
<td>N/A</td>
</tr>
<tr>
<td>Lower Explosion Level</td>
<td>N/A</td>
</tr>
</tbody>
</table>
SECTION 10) STABILITY AND REACTIVITY

Stability
Stable under normal storage and handling conditions.

Conditions To Avoid
Avoid heat, sparks, flame, high temperature and contact with incompatible materials.

Hazardous Reactions/Polymerization
No data available.

Incompatible Materials
Strong bases, acids, and oxidizing agents.

Hazardous Decomposition Products
Oxides of carbon.

SECTION 11) TOXICOLOGICAL INFORMATION

Acute Toxicity
Based on available data, the classification criteria are not met.

The Acute Toxicity Estimate (ATE) for an oral exposure to this mixture is >5000 mg/kg body weight
The Acute Toxicity Estimate (ATE) for a dermal exposure to this mixture is >5000 mg/kg body weight
The Acute Toxicity Estimate (ATE) for an inhalation (vapour) exposure to this mixture is >20 mg/l

Aspiration Hazard
Based on available data, the classification criteria are not met.

Carcinogenicity
Based on available data, the classification criteria are not met.

Germ Cell Mutagenicity
Based on available data, the classification criteria are not met.

Reproductive Toxicity
Based on available data, the classification criteria are not met.

Respiratory/Skin Sensitization
Based on available data, the classification criteria are not met.

Serious Eye Damage/Irritation
Based on available data, the classification criteria are not met.

Skin Corrosion/Irritation
Based on available data, the classification criteria are not met.

Specific Target Organ Toxicity - Repeated Exposure
Based on available data, the classification criteria are not met.

Specific Target Organ Toxicity - Single Exposure
Based on available data, the classification criteria are not met.

Likely Routes of Exposure
Inhalation, Ingestion, Skin contact, Eye contact
SECTION 12) ECOLOGICAL INFORMATION

Toxicity
Based on available data, the classification criteria are not met.

Persistence and Degradability
No data available.

Bioaccumulative Potential
No data available.

Mobility in Soil
No data available.

Other Adverse Effects
No data available.

SECTION 13) DISPOSAL CONSIDERATIONS

Waste Disposal
It is the responsibility of the user of the product to determine at the time of disposal whether the product meets local criteria for hazardous waste. Waste management should be in full compliance with national, state and local laws.

SECTION 14) TRANSPORT INFORMATION

<table>
<thead>
<tr>
<th></th>
<th>IATA Information</th>
<th>IMDG Information</th>
<th>U.S. DOT Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>UN Number</td>
<td>Not Regulated</td>
<td>Not Regulated</td>
<td>Not Regulated</td>
</tr>
<tr>
<td>UN proper shipping name</td>
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<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Transport Hazard class(es)</td>
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<td>Not Applicable</td>
</tr>
<tr>
<td>Packing group</td>
<td>Not Applicable</td>
<td>Not Applicable</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Environmental hazards</td>
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<td>No Data Available</td>
<td>No Data Available</td>
</tr>
<tr>
<td>Special precautions for user</td>
<td>No Data Available</td>
<td>No Data Available</td>
<td>No Data Available</td>
</tr>
<tr>
<td>Transport in bulk according to</td>
<td>No Data Available</td>
<td>No Data Available</td>
<td>No Data Available</td>
</tr>
<tr>
<td>Annex II of MARPOL and the IBC code</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

SECTION 15) REGULATORY INFORMATION

<table>
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The information in this Section does not list non-hazardous components that might have relevant CA_Prop65 - California Proposition 65, CA_Prop65_Type_Toxicity_Cancer - CA_Proposition65_Type_Toxicity_Cancer, CA_PROP65_Type_Toxicity_Development - CA_Proposition65_Type_Toxicity_Developmental, CA_PROP65_Type_Toxicity_Female -
WARNING: This product can expose you to chemicals including ETHYLENE OXIDE which is known to the State of California to cause cancer, and ETHYLENE OXIDE which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

SECTION 16) OTHER INFORMATION

Glossary
ACGIH - American Conference of Governmental Industrial Hygienists; CAS - Chemical Abstracts Service; Chemtrec - Chemical Transportation Emergency Center; DSL - Domestic Substances List; ESL - Effects screening levels; GHS - “Globally Harmonized System of Classification and Labelling of Chemicals” developed by the United Nations; HMIS - Hazardous Material Information Service; IATA - Dangerous Goods Regulations (DGR) for the air transport (IATA); IMDG - International Maritime Dangerous Goods Code; LC - Lethal Concentration; LD - Lethal Dose; NFPA - National Fire Protection Association; OEL - Occupational Exposure Limits; OSHA - Occupational Safety and Health Administration, US Department of Labor; PEL - Permissible Exposure Limit; SARA 313 - Superfund Amendments and Reauthorization Act, Section 313; SCBA - Self Contained Breathing Apparatus; ppm - parts per million; STEL - Short-term exposure limit; TLV - Threshold Limit Value; TSCA - Toxic Substances Control Act Public Law 94-469; TWA - Time-weighted average; US DOT - US Department of Transportation.

Version 1.0:
Revision Date: Jan 15, 2020
First Edition.

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