

SECTION 1) CHEMICAL PRODUCT AND MANUFACTURER'S IDENTIFICATION

Product Name: E-WELD 4 Aerosol
SDS No: L-177
Product Code: 53-F 402 (400 mL)
Revision Date: Jul 04, 2024 **Date Printed:** Aug 04, 2025
Version: 2.0 **Supersedes Date:** Jan 15, 2020
Manufacturer's Name: United States - Walter Surface Technologies Inc.
Address: 810 Day Hill Road Windsor, CT, US, 06095
Emergency Phone: 1-800-535-5053. International call collect: 1-352-323-3500 24 hours/day, 7 days/week.
Information Phone Number: (860) 298-1100
Fax:
Product/Recommended Uses: Weld spatter release emulsion

SECTION 2) HAZARDS IDENTIFICATION

Classification

Aerosols - Category 3

Safety data sheet prepared 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).

Pictograms

None

Signal Word

Warning

Hazardous Statements - Physical

H229 - Pressurised container: May burst if heated

Precautionary Statements - General

P101 - If medical advice is needed, have product container or label at hand.

P102 - Keep out of reach of children.

P103 - Read label before use.

Precautionary Statements - Prevention

P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P251 - Do not pierce or burn, even after use.

Precautionary Statements - Response

No precautionary statement available.

Precautionary Statements - Storage

P410 + P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

Precautionary Statements - Disposal

No precautionary statement available.

SECTION 3) COMPOSITION/INFORMATION ON INGREDIENTS

| CAS | Chemical Name | % By Weight |
|--------------|---------------------|---------------|
| 0025322-68-3 | POLYETHYLENE GYLCOL | 1.00% - 5.00% |

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

SECTION 4) FIRST-AID MEASURES

Inhalation

Eliminate all ignition sources if safe to do so. 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 help.

Skin Contact

Rinse skin with water/shower and mild soap for 5 minutes or until product is removed. If skin irritation occurs or you feel unwell: Get medical help.

Ingestion

Rinse mouth. If you feel unwell/If concerned: Get medical help.

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. Carbon dioxide can displace oxygen. Use caution when applying carbon dioxide in confined spaces. Large Fire : Water spray, fog or alcohol-resistant foam.

Unsuitable Extinguishing Media

Do not use straight stream of water.

Specific Hazards Arising from the Chemical

Fire will produce irritating gases. Contents under pressure. May be ignited by friction, heat, sparks or flames. Containers can explode in a fire. Containers exposed to heat and flames may rupture with violent force. Cylinders exposed to fire may vent and release gas through pressure relief devices. Vapors from liquefied gas are initially heavier than air and spread along the ground. Vapors may travel to source of ignition and flash back.

Precautions for Firefighters

Isolate immediate hazard area and keep unauthorized personnel out. Stop spill/release if it can be done safely. Move undamaged containers from immediate hazard area if it can be done safely. Cool containers with flooding quantities of water until well after fire is out. Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

Special Protective Equipment

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

SECTION 6) ACCIDENTAL RELEASE MEASURES

Emergency Procedure

Evacuate and isolate hazard area and keep unauthorized personnel away. Stay uphill and/or upstream. Ventilate closed spaces before entering. Isolate area until aerosol has dispersed. Do not walk through released material.

Protective Equipment

Wear chemical protective clothing and positive pressure self-contained breathing apparatus (SCBA).

Personal Precautions

Avoid breathing aerosol. Avoid contact with skin, eye or clothing.

Environmental Precautions

Stop spill/release if it can be done safely. Suppress aerosol with water spray jet. Avoid allowing water runoff to contact spilled material. Prevent spreading of vapors through sewers, ventilation systems and confined areas.

Methods and Materials for Containment and Cleaning up

Rinse away with water. Dispose of contaminated materials according to federal, state and local regulations. Ventilate area after clean-up is complete.

SECTION 7) HANDLING AND STORAGE

General

ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Wash hands after use. Avoid contact with skin, eye or clothing. Avoid breathing vapor or mist. Use good personal hygiene practices. Eating, drinking and smoking in work areas is prohibited. Remove contaminated clothing and protective equipment before entering eating areas. All containers must be properly labelled.

Ventilation Requirements

Use only with adequate ventilation to control air contaminants to their exposure limits. The use of local ventilation is recommended to control emissions near the source. Report ventilation failures immediately.

Storage Room Requirements

Store in cool, dry, well-ventilated areas away from heat, direct sunlight and strong oxidizers. Store in approved containers and protect against physical damage. Containers that have been opened must be carefully resealed to prevent leakage. Keep containers securely sealed when not in use. Indoor storage should meet OSHA standards and appropriate fire codes. Take precautionary measures against electrostatic discharge. To avoid fire or explosion, dissipate static electricity during transfer by ground and bonding containers and equipment before transferring material. Use non-sparking ventilation systems, approved explosion-proof equipment and intrinsically safe electrical systems in areas where this product is used and stored. Empty containers retain residue and may be dangerous.

SECTION 8) EXPOSURE CONTROLS/PERSONAL PROTECTION

Eye protection

If splashing occurs, Wear eye protection with side shields or goggles.

Skin Protection

Use protective gloves in case of prolonged exposure or skin sensitivity. Contaminated gloves should be replaced.

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.

A2 - Suspected Human Carcinogen, CNS - Central nervous system, impair - Impairment

The information in this Section does not list non-hazardous components that might have relevant ACGIH TLV Basis, ACGIH Notations, NIOSH TWA (ppm), NIOSH TWA (mg/m3), ACGIH Carcinogen, NIOSH Carcinogen, OSHA Tables (Z1, Z2, Z3), OSHA Carcinogen, OSHA TWA (ppm), ACGIH TWA (ppm) regulatory values, if they are present at less than 1%. Please contact manufacturer for more information.

SECTION 9) PHYSICAL AND CHEMICAL PROPERTIES

Density 0.99 g/ml

| | |
|--------------------|-------|
| % Solids By Weight | 0.00% |
| % VOC | 0.00% |

| | |
|---------------------------------|--------------------|
| Appearance | White milky liquid |
| Odor Threshold | N/A |
| Odor Description | Citrus |
| pH | 9.00 |
| Flammability | N/A |
| Flash Point | N/A |
| Low Boiling Point | 208.4°F (98°C) |
| High Boiling Point | N/A |
| Auto Ignition Temp | N/A |
| Freezing Point | 32°F (0°C) |
| Vapor Pressure | N/A |
| Vapor Density | N/A |
| Evaporation Rate | N/A |
| Upper Explosion Limit | N/A |
| Lower Explosion Limit | N/A |
| Water Solubility | Soluble in water |
| Coefficient Water/Oil | N/A |
| Viscosity | N/A |
| Kinematic Viscosity | N/A |
| Kinematic Viscosity Temperature | N/A |
| Decomposition Point | N/A |

SECTION 10) STABILITY AND REACTIVITY

Reactivity

No data available.

Chemical Stability

Stable under normal storage and handling conditions.

Possibility of Hazardous Reactions/Polymerization

Will not occur.

Conditions To Avoid

Avoid all possible sources of ignition, heat, sparks, flame, build up of static electricity and contact with incompatible materials.

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.

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

Chronic Exposure

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

Potential Health Effects - Miscellaneous

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

SECTION 12) ECOLOGICAL INFORMATION

Ecotoxicity

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. Empty Containers retain product residue which may exhibit hazards of material, therefore do not pressurize, cut, glaze, weld or use for any other purposes.

SECTION 14) TRANSPORT INFORMATION

| | IATA Information | IMDG Information | U.S. DOT Information |
|---|--|--|--|
| UN Number: | UN1950 | UN1950 | UN1950 |
| UN proper shipping name: | Aerosols, non-flammable, (each not exceeding 1 L capacity) | Aerosols, non-flammable, (each not exceeding 1 L capacity) | Aerosols, non-flammable, (each not exceeding 1 L capacity) |
| Transport Hazard class(es) | 2.2 | 2.2 | 2.2 |
| Packing group | NA | NA | NA |
| Environmental hazards | No Data Available | No Data Available | No Data Available |
| Special precautions for user | No Data Available | No Data Available | No Data Available |
| Transport in bulk according to Annex II of MARPOL and the IBC code | No Data Available | No Data Available | No Data Available |

SECTION 15) REGULATORY INFORMATION



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

| CAS | Chemical Name | % By Weight | Regulation List |
|--------------|---------------------|-------------|--|
| 0025322-68-3 | POLYETHYLENE GLYCOL | 1.00% - 5% | DSL - Domestic Substance List, SARA312, TSCA - Toxic Substances Control Act (TSCA) |

The information in this Section does not list non-hazardous components that might have relevant CA_Prop65, CA_Prop65_Type_Toxicity_Cancer, CA_Prop65_Type_Toxicity_Develop - CA_Proposition65_Type_Toxicity_Developmental, CA_Prop65_Type_Toxicity_Female - CA_Proposition65_Type_Toxicity_Female, CA_Prop65_Type_Toxicity_Male - CA_Proposition65_Type_Toxicity_Male, DSL - Domestic Substance List, EHS, HAPS, IARCCarcinogen, MA_RightToKnow - Massachusetts Right to Know, NEI - National Emissions Inventory, NJ_RightToKnow_HazSubList - New Jersey Right to Know Hazardous Substance List (RTKHSL), NTP_Carcinogen - National Toxicology Program Carcinogens, SARA312, TSCA - Toxic Substances Control Act (TSCA), DHS_COI - DHS_Chemical Of Interest regulatory values, if they are present at less than 1%. Please contact manufacturer for more information.

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:

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To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist. The above information pertains to this product as currently formulated, and is based on the information available at this time. Addition of reducers or other additives to this product may substantially alter the composition and hazards of the product. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information.