



Material Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name	E-WELD (Aerosol)
Product Identifier	53-F 002 (500 ml)
MSDS No.	L-10E
Product Family	E-Weld anti-spatter family.
Manufacturer / Supplier	J. WALTER CO. LTD, 5977 Trans-Canada Highway, Pointe-Claire, Qc, H9R 1C1, 1-888-592-5837, www.walter.com
Emergency Contact Information	CANUTEC (Canadian Transport Emergency Centre), (613) 996-6666, 24 Hours / 7 Days
Use	Effective anti-spatter emulsion

2. HAZARDS IDENTIFICATION

WHMIS Classification



Class A



Class B5



Class D2B

A - Compressed Gas; B5 - Flammable Aerosol; D2B - Toxic

Potential Health Effects

Route of Exposure

Inhalation; skin contact; eye contact; ingestion.

Inhalation

May cause mild irritation.

Skin Contact

There may be irritation and redness at the site of contact.

Eye Contact

May cause mild irritation. **EYE IRRITANT**. Symptoms include sore, red eyes, and tearing.

Ingestion

Headaches and general malaise may result.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS Registry No.	Concentration %	Other Identifiers
Dimethyl ether	115-10-6	30-50	N/Av

4. FIRST AID MEASURES

First Aid Procedures

Inhalation

Move victim to fresh air. Call a Poison Centre or doctor if the victim feels unwell.

Skin Contact

Wash gently and thoroughly with lukewarm, gently flowing water and non-abrasive soap for 5 minutes.

Eye Contact

Immediately flush the contaminated eye(s) with lukewarm, gently flowing water for 15-20 minutes, while holding the eyelid(s) open. Transfer to hospital for specialist examination

Ingestion

Have victim rinse mouth with water. Give plenty of water to drink Immediately call a Poison Control Centre or doctor. Treatment is urgently required. Transport to a hospital.

5. FIRE FIGHTING MEASURES

Flammable Properties

Extremely Flammable.

Suitable Extinguishing Media

Carbon dioxide, dry chemical powder, foam.

Unsuitable Extinguishing Media

None known.

Specific Hazards Arising from the Chemical

This product presents no unusual hazards in a fire situation.

Protective Equipment and Precautions for Firefighters

Not known to generate any hazardous decomposition products in a fire.

Wear self-contained respirator. Wear protective clothing to prevent contact with skin and eyes.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Use the Personal Protective Equipment recommended in Section 8 of this MSDS. Slippery after spillage or leakage.
Environmental Precautions	Do not allow into any sewer, on the ground or into any waterway.
Methods for Containment and Clean-up	Do not use absorbents. Contain spill using noncombustible material such as vermiculite, earth or sand. Dike spilled product to prevent runoff.

7. HANDLING AND STORAGE

Handling	No special handling precautions are necessary.
Storage	Store between 2°C (35.6°F) and 40°C (104°F). Protect from freezing. Freezing will damage product and render it unusable. Keep away from direct sunlight.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Chemical Name	CAS Registry No.	TWA (8hrs)
Dimethylether	115-10-6	1000ppm

Engineering Controls Ensure there is sufficient ventilation in the area.

Personal Protective Equipment (PPE)

Eye/Face Protection Wear chemical safety goggles or face shield when contact is possible.

Skin Protection Wear chemical protective gloves for long lasting skin contact.

Nitrile gloves 0.4 mm thick, permeation time 480 minutes.

General Hygiene Considerations Remove contaminated clothing. Keep away from drinking stuff.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Aerosol.
Appearance	Milky green oily liquid.
Odour	Odourless
Freezing Point	Not available
Specific Gravity	0,84 g/ml 20°C (68 °F)
Solubility in Water	Soluble.
pH	8
Flash Point	-41 °C (-42 °F)
Lower Flammable/Explosive Limit	2,7%
Upper Flammable/Explosive Limit	19%
VOC (g/L)	310

10. STABILITY AND REACTIVITY

Chemical Stability	Normally stable.
Conditions to Avoid	Direct Sunlight. Heat.
Incompatible Materials	OXIDIZING AGENTS.
Hazardous Decomposition Products	In combustion, emits toxic fumes of carbon dioxide / carbon monoxide.
Possibility of Hazardous Reactions	None known.

11. TOXICOLOGICAL INFORMATION

LD50/LC50

Ingredients	CAS Number	LD ₅₀ RAT (oral)	LC ₅₀ RAT
Dimethyl ether	115-10-6	N/Av	164000 ppm (8hrs)

Skin Irritation / Corrosion Human experience shows mild irritation.

Eye Irritation / Corrosion Human experience shows mild irritation.

Effects of Short-Term (Acute) Exposure
Inhalation Drowsiness.

12. ECOLOGICAL INFORMATION

General Comments

Behaviour in sewage plants: From our experience the product does not cause disruptions of purification of sewage. Contains no AOX according to formula. Contains no phosphates. No bioaccumulation.

13. DISPOSAL CONSIDERATIONS

Contact local environmental authorities for approved disposal or recycling methods in your jurisdiction.

14. TRANSPORT INFORMATION

Shipping Information

Regulation	UN No.	Shipping Name	Class	Packing Group
Canadian TDG	1950	E-WELD (Aerosol)	2,1	III

Shipping Information

Not regulated under Canadian TDG Regulations. Not regulated under US DOT Regulations.

Other Transport Information

Special Shipping Information

Please note: Ship upright. Protect from freezing. Freezing will damage product and render it unusable.

15. REGULATORY INFORMATION

Canada

Domestic Substances List (DSL)

All ingredients are listed on the DSL.

USA

US OSHA Regulatory Status

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Toxic Substances Control Act (TSCA) Section 8(b)

All ingredients are on the TSCA Inventory or are exempt from TSCA Inventory requirements under 40 CFR 720.

Additional USA Regulatory Lists

CERCLA: None
SARA Title III - Section 302: None
SARA Title III - Section 311/312: None
SARA Title III - Section 313: None
New Jersey Right To Know: None
Section 112: Hazardous Air Pollutants (HAPS): None.

16. OTHER INFORMATION

MSDS Prepared By

International Project Manager, Environmental & MRO Solutions

Phone No.

1-888-592-5837

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