

# SAFETY DATA SHEET

## SECTION 1) IDENTIFICATION

**Product Name:** E Weld 3  
**Synonym:** L-46  
**Product Code:** 53-F 253 (500 mL), 53-F 255 (3.78L), 53-F 257(20L), 53-F 258 (208L)  
**Revision Date:** Feb 26, 2021 **Date Printed:** May 18, 2021  
**Version:** 1.0 **Supersedes Date:** N.A.  
**Manufacturer's Name:** Canada - Walter Surface Technologies Inc.  
**Address:** 5977 Trans Canada Highway West Pointe-Claire, QC, CA, H9R 1C1  
**Emergency Phone:** INFOTRAC® 1-800-535-5053. International call collect: 1-352-323-3500 24 hours/day, 7 days/week.  
**Information Phone Number:** www.walter.com  
**Fax:**  
**Product/Recommended Uses:**

## SECTION 2) HAZARDS IDENTIFICATION

### Classification of the substance or mixture

Not a hazardous substance or mixture according to United States Occupational Safety and Health Administration (OSHA) Hazard Communication Standard (29 CFR 1910.1200).

### Hazards Not Otherwise Classified (HNOC) (Physical & Health)

No data available

## SECTION 3) COMPOSITION/INFORMATION ON INGREDIENTS

CAS	Chemical Name	% By Weight
0068603-58-7	AMINES, C12-14-TERT-ALKYL, ETHOXYLATED PROPOXYLATED	1.00% - 5.00%
0028348-53-0	SODIUM CUMENESULPHONATE	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

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

If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Never give anything by

mouth to an unconscious person. Rinse mouth. If you feel unwell/If concerned: Get medical advice/attention.

### Most Important Symptoms and Effects, Both acute and Delayed

#### OVER-EXPOSURE SIGNS/SYMPTOMS

Eye Contact: Adverse symptoms may include pain, watering, redness.

Skin Contact: Adverse symptoms may include pain or irritation, redness, blistering may occur.

Ingestion: Adverse symptoms may include stomach pains.

### Indication of Any Immediate Medical Attention and Special Treatment Needed

Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

## 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, CO<sub>2</sub>, 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

In case of fire, hazardous decomposition products may include carbon oxides. 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

Notify authorities if any exposure to the general public or the environment occurs or is likely to occur. 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

Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Contaminated absorbent material may pose the same hazard as the spilled product. If spilled material is cleaned up using a regulated solvent, the resulting waste mixture may be regulated. 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

Use appropriate containment to avoid environmental contamination. 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 safety glasses complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. 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

If vapor or mist is generated when material is heated or handled, provide adequate ventilation to keep the airborne concentrations of vapors below their respective threshold limit value. Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value.

Chemical Name	ACGIH TWA (mg/m3)	ACGIH TWA (ppm)	ACGIH STEL (mg/m3)	ACGIH STEL (ppm)	ACGIH Carcinogen	VLE Alteracion Efecto a la Salud	VLE Connotacion	ACGIH TLV Basis
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Chemical Name	ACGIH Notations	VLE CToP (mg/m3)	VLE CToP (ppm)	OSHA TWA (mg/m3)	OSHA TWA (ppm)	VLE PPT (mg/m3)	VLE PPT (ppm)	OSHA STEL (mg/m3)
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Chemical Name	OSHA STEL (ppm)	OSHA Carcinogen	OSHA Tables (Z1, Z2, Z3)	OSHA Skin designation	CAN_ONtmg	CAN_ONtppm	CAN_ONsmg	CAN_ONsppm
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Chemical Name	BR_NR_15_Annex XI - Brazil_NR 15 - Annex 11 of NR 15 (Tolerance Limits for Chemical Agents and Inspections in the Workplace)
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irr - Irritation

The information in this Section does not list non-hazardous components that might have relevant CAN\_ONtmg, CAN\_ONtppm, ACGIH TWA (mg/m3), VLE Alteracion Efecto a la Salud, ACGIH TLV Basis regulatory values, if they are present at less than 5%. Please contact manufacturer for more information.

## SECTION 9) PHYSICAL AND CHEMICAL PROPERTIES

Density	0.96 to 1.01 g/ml @ 20°C (68°F)
Specific Gravity	N/A

% VOC	0% (w/w)
Density VOC	N/A

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Appearance	Blue Liquid
Odor Threshold	N/A
Odor Description	N/A
pH	8 to 9.5
Water Solubility	Soluble in water
Flammability	N/A
Flash Point Symbol	N/A
Flash Point	N/A
Viscosity	N/A
Lower Explosion Level	N/A
Upper Explosion Level	N/A
Vapor Density	N/A
Freezing Point	N/A
Melting Point	0 °C
Low Boiling Point	98 °C
High Boiling Point	98 °C
Auto Ignition Temp	N/A
Evaporation Rate	N/A
Coefficient Water/Oil	N/A

## 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.

### Mobility in Soil

No data available.

### Bioaccumulative Potential

No data available.

### Persistence and Degradability

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

	IATA Information	IMDG Information	U.S. DOT Information	Canada TDG Information
UN number:	Not Regulated	Not Regulated	Not Regulated	Not Regulated
Proper shipping name:	N/A	N/A	N/A	N/A
Hazard class:				Not Applicable
Hazard class:	Not Applicable	Not Applicable	Not Applicable	
Packaging group:	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Hazardous substance (RQ):			No Data Available	

<b>Marine Pollutant:</b>	NA	No Data Available	No Data Available	No Data Available
<b>Note / Special Provision:</b>	No Data Available	No Data Available	No Data Available	No Data Available
<b>Toxic-Inhalation Hazard:</b>	NA	NA	No Data Available	No Data Available

## SECTION 15) REGULATORY INFORMATION

CAS	Chemical Name	% By Weight	Regulation List
No applicable CAS	No applicable chemical	-	-

The information in this Section does not list non-hazardous components that might have relevant DSL, TSCA regulatory values, if they are present at less than 5%. Please contact manufacturer for more information.

## SECTION 16) OTHER INFORMATION

### Glossary

ACGIH- American Conference of Governmental Industrial Hygienists; ANSI- American National Standards Institute; Canadian TDG Canadian Transportation of Dangerous Goods; CAS- Chemical Abstract Service; Chemtrec- Chemical Transportation Emergency Center(US); CHIP- Chemical Hazard Information and Packaging; DSL- Domestic Substances List; EC- Equivalent Concentration; EH40 (UK)- HSE Guidance Note EH40 Occupational Exposure Limits; EPCRA- Emergency Planning and Community Right-To-Know Act; ESL Effects screening levels; HMIS- Hazardous Material Information Service; 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 (Title III)- Superfund Amendments and Reauthorization Act; SARA 313- Superfund Amendments and Reauthorization Act, Section 313; SCBA- Self Contained Breathing Apparatus; STEL-Short Term Exposure Limit; TCEQ Texas Commission on Environmental Quality; TLV- Threshold Limit Value; TSCA- Toxic Substances Control Act Public Law 94-469; TWA Time Weighted Value; US DOT- US Department of Transportation; WHMIS- Workplace Hazardous Materials Information System. 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.

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