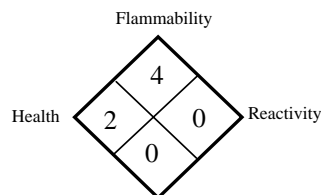


# MATERIAL SAFETY DATA SHEET

## L-54E

### NFPA Hazard Rating



0 = Minimum 1 = Light 2 = Moderate 3 = Serious 4 = Extreme

### Section 1 - Product Identification

J. WALTER INC.  
810 Day Hill Road  
Windsor, CT 06095

**Trade name:** Zinc-100  
**Product name:** Bright galvanizing spray  
**Order no.:** 53-H 102  
**WHMIS Classification:** A, B5, D2A, D2B  
**Controlled under WHMIS:** Yes

**Emergency:** INFOTRAC (800)-535-5053

### Section 2 - Hazardous Ingredients

Ingredients	CAS Number	% by Weight	LD <sub>50</sub> RAT	LC <sub>50</sub> RAT
Acetone	67-64-1	10-30	>9750 mg/kg	>16000 ppm for 4 hours
Methyl Ethylketone	78-93-3	10-30	3400 mg/kg	8000 ppm for 8 hours
Zinc Elemental	7440-66-6	7-13	N/Av	N/Av
Toluene	108-88-3	7-13	5000 mg/kg	8000 ppm for 8 hours
Xylene	1030-20-7	1-5	4.3 g/kg	6350 ppm for 4 hours
Aluminum	7429-90-5	1-5	N/Av	N/Av
Diacetone Alcohol	123-42-2	1-5	4000 mg/kg	N/Av
Mineral Spirits	64742-47-8	1-5	5000 mg/kg	1400 ppm for 4 hours
Ethyl Benzene	100-41-4	0.5-1.5	5460 mg/kg	N/Av
Isobutane	75-28-5	10-30	N/Av	142000 ppm for 4 hours
Propane	74-98-6	1-5	N/Av	N/Av

### Section 3 - Physical / Chemical Characteristics

**Physical state:** Aerosol  
**pH:** N/A  
**Specific gravity:** 0.79-0.83 g/ml @ 20°C  
**Evaporation rate:** >1 m Butyl Acetate ±1

**Odor & appearance:** Aromatic, aluminum  
**Boiling point:** 57-168°C  
**Vapor pressure:** 40-50 psig  
**VOC (w/w%):** 64-65

**Odor threshold:** N/Av  
**Freezing point:** N/A  
**Vapor density:** >1 (air=1)  
**Water solubility:** Negligible

### Section 4 - Fire & Explosion Hazard

**Flammability:** Yes **Conditions:** Excessive heat, sparks, open flame.  
**Flashpoint:** Lowest known value is acetone @ -18°C. **Extinguishing media:** Carbon dioxide, dry chemical powder, foam.  
**Auto ignition temperature:** 465-527°C **Hazardous combustion products:** Hydrocarbon fumes, smoke, carbon monoxide where combustion is incomplete.  
**Flammable limits (%):** Upper: 12.8 Lower: 1  
**Sensitivity to mechanical impact or static discharge:** N/A

### Section 5 - Reactivity Data

**Chemical stability:** Yes **Conditions:** Normal conditions  
**Reactivity conditions:** N/A  
**Incompatible substances:** Strong oxidizing agents.  
**Hazardous decomposition products:** Hydrocarbon fumes and smoke, carbon monoxide where combustion is incomplete.

**Section 6 - Toxicological Data**

**Route of entry:** Eye and skin contact, inhalation, ingestion.

**Acute exposure effects:** Dizziness, nausea, irritation to skin and eyes.

**Chronic exposure effects:** Solvents may cause defatting dermatitis.

<u><b>Carcinogenicity</b></u>	<u><b>Mutagenicity</b></u>	<u><b>Reproductive toxicity</b></u>	<u><b>Teratogenicity</b></u>	<u><b>Synergistic effects</b></u>
No	No	Yes	No	No

**If yes to any of the above, specify:** Results based on exposure to high concentration of Toluene and Xylene in animal study.

**Section 7 - Preventive Measures**

**Protective equipment:** Eyewear, gloves.  
**Handling procedures:** Normal procedures when handling aerosol.  
**Waste disposal methods:** Dispose as per local, state and federal regulations.  
**Leak/spill procedures:** Remove all sources of ignition, use an inert material absorbent material and non sparking tools, prevent from entering a watercourse.  
**Storage requirements:** Store in a cool area not exceeding 50°C.  
**Engineering controls:** Ensure adequate ventilation.  
**Handling equipment:** None  
**Special shipping information:** Limited quantity

**Section 8 - First Aid Measures**

**Skin contact:** Wash with water and soap.  
**Eye contact:** Flush with plenty of clean water for at least 15 minutes.  
**Inhalation:** Remove victim to fresh air.  
**Ingestion:** Do not induce vomiting. Consult a physician.  
**Other:** N/A

**Section 9 - Preparation of MSDS**

**Prepared by:** Chemical Tools Manager  
**Telephone:** 860-298-1100  
**Date:** May 1, 2008

*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.*