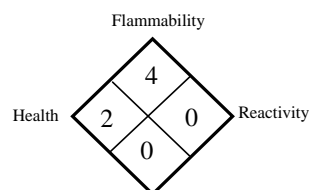


MATERIAL SAFETY DATA SHEET

L-54E

NFPA Hazard Rating



Section 1 - Product Identification

J. WALTER COMPANY LTD. Trade name: **Zinc-100**
 5977 Transcanada Highway Product name: Bright galvanizing spray
 Pointe-Claire, Quebec Order no.: 53-H 102
 H9R 1C1 WHMIS Classification: A, B5, D2A, D2B
 Emergency: CANUTEC (613) 996-6666 Controlled under WHMIS: Yes

Section 2 - Hazardous Ingredients

Ingredients	CAS Number	% by Weight	LD ₅₀ RAT	LC ₅₀ 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 Odour & appearance: Aromatic, aluminum Odour threshold: N/Av
 pH: N/A Boiling point: 57-168°C Freezing point: N/A
 Specific gravity: 0.79-0.83 g/ml @ 20°C Vapour pressure: 40-50 psig Vapour density: >1 (air=1)
 Evaporation rate: >1 m Butyl Acetate ±1 VOC (w/w%): 64-65 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.

MATERIAL SAFETY DATA SHEET

L-54E

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>Carcinogenicity</u>	<u>Mutagenicity</u>	<u>Reproductive toxicity</u>	<u>Teratogenicity</u>	<u>Synergistic effects</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 municipal, provincial 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: Aerosol, Class 2.1, UN1950

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: International Product Manager - Chemical Tools

Telephone: 1-888-592-5837

Date: March 28th, 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.

N/A - Not Applicable

N/Av - Not Available