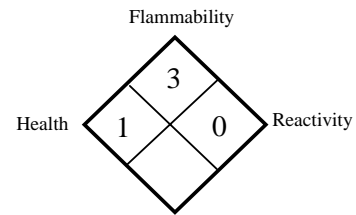


NFPA Hazard Rating



MATERIAL SAFETY DATA SHEET

L-55E

Section 1 - Product Identification

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

Trade name: Zinc-100
Product name: Corrosion protection liquid
Order no.: 53-H 105
WHMIS Classification: B2, B3, D2A, D2B
Controlled under WHMIS: Yes

Emergency: INFOTRAC (800) 535-5053

Section 2 - Hazardous Ingredients

| <u>Ingredients</u> | <u>CAS Number</u> | <u>% by Weight</u> | <u>LD₅₀RAT</u> | <u>LC₅₀RAT</u> |
|---------------------------------|-------------------|--------------------|---------------------------|---------------------------|
| Xylene | 1330-20-7 | 10 - 20 | 4300 mg/kg | > 20% for 4 hours |
| Trimethyl-1,2,4-Benzene | 95-63-6 | 1 - 10 | N/Av | 658 g./c.m. for 4 hours |
| Trimethyl-1,3,5-Benzene | 108-67-8 | < 1 | N/Av | 14.2 % for 4 hours |
| Naphta, light aromatic fraction | 64742-95-6 | 1 - 10 | 8.4g / kg | N/Av |
| Butylacetate | 123-86-4 | 1 - 10 | 14130 mg/ kg | N/Av |

Section 3 - Physical / Chemical Characteristics

| | | |
|---|--|---------------------------------------|
| Physical state: Liquid | Odor & appearance: Silver, solvent odor | Odor threshold: N/Av |
| pH: N/Av | Boiling point: N/Av | Freezing point: N/Av |
| Specific gravity: 1.17 g/ml @ 25°C | Vapor pressure: N/Av | Vapor density: N/A |
| Evaporation rate: N/Av | VOC g/l: 567 | Water solubility: Non-miscible |

Section 4 - Fire & Explosion Hazard

Flammability: Yes **Conditions:** Avoid flame, spark or any other energy source.

Flashpoint: 23°C **Extinguishing media:** Foam, dry powder, CO₂.

Auto ignition temperature: > 200°C **Hazardous combustion products:** Carbon monoxide and dioxide

Flammable limits (%): Upper: 11.3 Lower: 0 **Sensitivity to mechanical impact or static discharge:** Sensitive

Section 5 - Reactivity Data

Chemical stability: Yes **Reactivity conditions:** N/Av

Conditions: Direct sun light, heat

Incompatible substances: Oxidizing agents

Hazardous decomposition products: Carbon monoxide and dioxide

MATERIAL SAFETY DATA SHEET

L-55E

Section 6 - Toxicological Data

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

Acute exposure effects: Headache and general malaise may result if ingested, somnolence if inhaled and irritation to the area of contact

Chronic exposure effects: Danger of serious damage to health by prolonged exposure by inhalation and contact.

Exposure limits (TLV/TWA): N/Av

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

If yes to any of the above, specify: Xylene can have an embryotoxic effect.

Section 7 - Preventive Measures

Protective equipment: Eyewear, gloves, clothing, mask
Handling procedures: Sufficient ventilation must be provided.
Waste disposal methods: Dispose as per municipal, provincial and federal regulations.
Leak/spill procedures: Soak up with absorbent material, place in approved containers.
Storage requirements: Store below 50°C
Engineering controls: Provide adequate ventilation.
Handling equipment: N/A
Special shipping information: Paint, UN 1263, Class 3, P.G. III

Section 8 - First Aid Measures

Skin contact: Rinse with water until substance is removed from skin.
Eye contact: Rinse eyes thoroughly with water for 20 minutes. Consult a physician if needed.
Inhalation: Remove victim to fresh air.
Ingestion: Consult a physician immediately.
Other: Consult a physician if necessary.

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.