

# HEALTH AND SAFETY DATA SHEET : REF HS71

## 1. IDENTIFICATION OF PREPERATION AND COMPANY

**Manufacturer/Supplier:** Elmbridge Supplies Company. Unit 20 Spinnaker Road, Hempstead, Gloucester, GL2 5FD.

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## 2. COMPOSITION/INFORMATION ON COMPONENTS

Surface coating which is a mixture of resins, pigments and solvents.

**Contains:** > 25% Solvent naphtha (petroleum), medium aliphatic CAS No : 64742-88-7

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## 3. HAZARDS IDENTIFICATION

Flammable. Harmful by inhalation and in contact with skin. Dangerous for the environment.

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## FIRST AID MEASURES

**General:** Seek medical attention when symptoms persist and in all cases of doubt. Never give anything by mouth to an unconscious person.

**Inhalation:** Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, administer artificial respiration. If unconscious place in the recovery position and seek medical advice.

**Eye contact:** Contact lenses should be removed. Irrigate well with clean, fresh water for at least 10 minutes holding eyelids apart and seek medical advice.

**Skin contact:** Remove contaminated clothing. Wash skin thoroughly with soap and water or use a suitable skin cleaner. **Do not use solvents or thinners.**

**Ingestion:** If accidentally swallowed obtain immediate medical attention. Keep at rest do not induce vomiting

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## 5. FIRE FIGHTING MEASURES

**Suitable Extinguishing agents:** Water mist; Carbon dioxide; Foam; Dry powder.

**Unsuitable Extinguishing agents:** High pressure water jets.

**Exposure hazards:** Fire may produce dense black smoke and toxic gases.

**Special procedures:** Wear fire retardant clothing; use approved self contained breathing apparatus; use water spray to cool containers.

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## 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions:** Do not breathe vapour. Avoid ignition sources. Avoid contact with skin, eyes and clothing

**Environmental Precautions:** Prevent contamination of soil, drains and surface waters.

**Methods of cleaning:** Take up with absorbent, inert materials. Eg. Sand or earth. Ventilate area. Dispose of in accordance with local authority regulations.

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## 7. HANDLING AND STORAGE

**Handling:** Avoid inhalation of vapour; Ensure adequate ventilation; Use local extraction equipment where possible; Wear suitable protective clothing; Avoid ignition sources; Do not eat, drink or smoke at the workplace.

**Storage:** Keep away from food and drink. Store in original container securely closed and at room temperature. Store in accordance with the Highly Flammable Liquids and Liquefied Petroleum Gases Regulations 1972.

**8. EXPOSURE CONTROLS\PERSONEL PROTECTION**

Ingredients with limit values that require monitoring at the workplace

1, 2, 4-trimethylbenzene OEL : 123 mg/m<sup>3</sup>, 25ml/m<sup>3</sup>

xylene OEL : Short-term value: 662mg/m<sup>3</sup>, 150ml/m<sup>3</sup>; Long-term value : 441mg/m<sup>3</sup>, 100ml/m<sup>3</sup> Sk

\* There is a risk of exposure through unbroken skin.

Further guidance on OELs and the assessment of occupational exposure to harmful materials including mixed exposures is given in the HSE guidance note EH40.

**Respiratory Protection**

Use in well ventilated areas.

Mechanical control takes precedence; In case of insufficient ventilation wear suitable respiratory equipment.

**Hand Protection and Skin Protection**

Wear suitable gloves. (Neoprene, nitrile, viton, polyurethane, material gloves) Wear overalls and closed footwear; Change contaminated clothing.

**Eye Protection**

Wear tightly sealed, suitable goggles or face protection.

**9. PHYSICAL & CHEMICAL PROPERTIES.**

Viscosity\Appearance	: clear liquid.	Vapour Pressure	: 1.5kPa at 38'C
Odour	: smell of paraffin/petroleum.	Autoflammability (solvent)	: 500'C
Flash point	: >25 deg C.	Density 25'C	: 0.9 - 1.25g per cc
Solubility	: Aromatic hydrocarbons.	Explosive prop	: LEL 0.6% UEL 7.0%
	Immiscible in water.	Oxidizing prop	: not available
Boiling point	: 137 - 162 deg C (solvent)		

**10. STABILITY & REACTIVITY**

<b>Stability</b>	: Stable.
<b>Conditions to avoid</b>	: Static discharges; High temperatures; Direct sunlight.
<b>Materials to avoid</b>	: Strong oxidizing agents.
<b>Hazardous decomposition products</b>	: Thermal decomposition or burning may produce toxic gases and dense black smoke.

**11. TOXICOLOGICAL INFORMATION**

Low toxicity; Moderate irritant.

**Inhalation** : High vapour concentrations are irritating to the eyes and respiratory tract, may cause headaches, dizziness, nausea, vertigo and unconsciousness and may have other effects on the central nervous system.

**Ingestion** : Low Toxicity.

**Skin contact** : Frequent or prolonged contact may irritate and cause dermatitis. May be absorbed with possible systemic effects.

**Eye contact** : Irritating.

## **12. ECOLOGICAL INFORMATION**

**Mobility** : MOBILE liquid  
**Persistence and degradability** : Paint solids not readily biodegradable. Solvent evaporates.  
**Bioaccumulation** : Solvent can bioaccumulate but with short retention time.  
**Aquatic toxicity** : Paint solids have low order of toxicity. Solvent is moderately toxic to aquatic life. Classified as marine pollutant

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## **13. DISPOSAL CONSIDERATIONS**

Liquid surplus or wastes should be appropriately labelled. Disposal must be in accordance with current national and local regulations. Appropriate disposal is by incineration. Solidified wastes may be land filled, but authorisation from appropriate sources should be sought. Empty containers should be disposed of in the same way as the product inside. Empty containers pose a fire and explosion hazard.

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## **14. TRANSPORT INFORMATION**

**UN No.** 1263  
**Packing group.** 111  
**IMDG-CODE.** CI 3.3  
**RID/ADR:** Class 3  
**Hazchem:** 3(Y)

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## **15. REGULATORY INFORMATION**

### **Risk & Safety Phrases**

R10 : Flammable  
R51/53 : Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment  
R65 : Harmful, may cause lung damage if swallowed  
S2 : Keep out of reach of children  
S24 : Avoid contact with skin and eyes  
S28 : After contact with skin wash immediately with plenty of soap and water  
S37/39 : Wear suitable gloves and face protection.  
S60 : This material and its container must be disposed of as hazardous waste

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## **16. OTHER INFORMATION**

Recommended use and restrictions : Refer to appropriate technical data sheet.  
Technical contact point : Technical manager, Elmbridge Supplies Company.  
**Information sources** : CHIPS; HSE Guidance note EH40; Croners substances hazardous to health. Suppliers literature.

The information supplied in this health and safety data sheet is to the best of our knowledge true and accurate. The application, use and processing of the product are beyond our control and therefore, entirely your own responsibility. Users are responsible to ensure that the information is adequate and appropriate for safe use. The data supplied does not signify any warranty with regard to the products properties.