

1. IDENTIFICATION OF PREPERATION AND COMPANY

Ref No : P269

Product Details: Hardener for 2 pack epoxy paint.**Manufacturer/Supplier:** Jawel Paints (West Midlands) Ltd 313-317 Heath Street Smethwick West Midlands, B66 2QY.
Telephone Number: 0121 558 6191

2.**COMPOSITION/INFORMATION ON COMPONENTS**

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

Contains: > 25% XYLENE. CAS No 106-42-3. Risk Phrases. 10, 20\21, 38. See section 15 for full text

3. HAZARDS IDENTIFICATIONThis product is classified as **FLAMMABLE AND HARMFUL**

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

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.

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.

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.

Substance: Xylene; **Exposure Limits:** 100ppm; 435mg/m³(8hr TWA). 150ppm; 650mg/m³(STEL).
* 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. Wear overalls and closed footwear; Change contaminated clothing.

Eye Protection

Wear suitable goggles or face protection.



9. PHYSICAL & CHEMICAL PROPERTIES.

Viscosity\Appearance	: viscous liquid.	Vapour density (solvent)	: >1.0 at 25'C
Odour	: smell of xylene.	Autoflammability (solvent)	: 500'C
Flash point	: 24 deg C.	Density 25'C	: 0.9 - 1.25g per cc
Solubility	: Aromatic hydrocarbons. Immiscible in water.	Explosive prop	: not available
Boiling point	: 140 - 144 deg C (solvent)	Oxidizing prop	: not available

10. STABILITY & REACTIVITY

Stability	: Contains volatile solvent
Conditions to avoid	: Static discharges; High temperatures; Direct sunlight.
Materials to avoid	: Strong oxidizing agents.
Hazardous decomposition products	: 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 : Small amounts of liquid aspirated into the respiratory system during ingestion or vomiting may cause broncho pneumonia or pulmoary edema.

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 : Viscous 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.

13. DISPOSAL CONSIDERATIONS

Classified as hazardous waste.

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.

14. TRANSPORT INFORMATION

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

15. REGULATORY INFORMATION

Hazard symbols : Xn : Harmful

Contains : Isomers of Xylene

**Risk & Safety Phrases**

R10 : Flammable
R20/21 : Harmful by inhalation and in contact with skin
R38 : Irritating to skin
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.

16. OTHER INFORMATION

Recommended use and restrictions : Refer to appropriate technical data sheet.

Technical contact point : Technical manager, Jawel Paints Ltd.

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.