



SAFETY DATA SHEET
YELLOW HOTMELT ADHESIVE

Page 1
Issued: 07/03/2006
Revision No: 1

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

Product name: YELLOW HOTMELT ADHESIVE
Company name: Unicorn Chemicals Ltd
Unicorn House
Mowbray Drive
Blackpool
Lancashire
FY3 7UN
Tel: 01253 396101
Fax: 01253 302895

2. COMPOSITION / INFORMATION ON INGREDIENTS

Contains: <0.3% Vinyl Acetate as an impurity

3. HAZARDS IDENTIFICATION

Main hazards: No significant hazard.

4. FIRST AID MEASURES (SYMPTOMS)

Skin contact: When product is used in molten state there is a risk of thermal burns. Solid cold product is harmless to skin.
Eye contact: There may be irritation and redness.
Ingestion: It is unlikely that this substance will be swallowed due to its physical properties.
Inhalation: Vapours given off during operation are not considered toxic, but if product is overheated, chemical breakdown may occur and give rise to toxic or irritant materials.

4. FIRST AID MEASURES (ACTION)

Skin contact: Wash immediately with plenty of soap and water. Skin affected by molten hotmelt should be plunged into cold water immediately and left until the burning sensation subsides. If coated with hotmelt, move fingers to prevent a tourniquet effect as it cools. Do not remove the adhesive when molten as a deep layer of skin may be removed leaving a raw wound. With medical approval, if adhesive is difficult to remove, place a cotton wool pad soaked with olive oil or liquid paraffin over the affected area, which will soften the adhesive and aid removal, then treat as a normal burn.
Eye contact: Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.
Ingestion: If affected, seek medical advice. Do not induce vomiting. Wash out mouth with water.
Inhalation: Remove to fresh air. Perform artificial respiration if breathing has stopped. Keep the affected person warm and at rest. Get prompt medical attention.

[cont...]

SAFETY DATA SHEET
YELLOW HOTMELT ADHESIVE**5. FIRE-FIGHTING MEASURES**

Extinguishing media: Dry chemical powder. Carbon dioxide. Alcohol or polymer foam. Water should not be allowed to come into contact with molten hotmelt adhesive.

Exposure hazards: In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

Protection of fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Refer to section 8 of SDS for personal protection details.

Environmental precautions: Do not discharge into drains or rivers.

Clean-up procedures: Sweep up solid granules; allow melt to cool and solidify, scrape up and dispose of safely.

7. HANDLING AND STORAGE

Handling requirements: Do not heat hotmelt above recommended temperatures as chemical breakdown may occur, giving rise to toxic or irritating fumes of acetic acid.

Storage conditions: Store in cool, well ventilated area. Keep container tightly closed. Avoid contact with water or humidity.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures: Ensure there is sufficient ventilation of the area. Vinyl Acetate: 10ppm (8hr TWA), 20ppm (15min STEL) suggested limits. Acetic Acid: 10ppm (8hr TWA); 15ppm (15min STEL) suggested limits.

Respiratory protection: If Workplace Exposure Limit(s) listed above are exceeded, respiratory protection may be required.

Hand protection: Protective gloves.

Eye protection: Safety glasses. Ensure eye bath is to hand.

Skin protection: Protective overalls.

9. PHYSICAL AND CHEMICAL PROPERTIES

State: Solid

Colour: Yellow

Solubility in water: Insoluble

Flash point°C: >250

Relative density: 0.9-1.1

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions.

Conditions to avoid: Heat.

Haz. decomp. products: High temperature or combustion may produce sulphur dioxide, carbon monoxide, carbon dioxide, vinyl acetate, acetic acid and smoke.

SAFETY DATA SHEET
YELLOW HOTMELT ADHESIVE**11. TOXICOLOGICAL INFORMATION**

Routes of exposure: Refer to section 4 of SDS for routes of exposure and corresponding symptoms.

12. ECOLOGICAL INFORMATION

Other adverse effects: Should not be discharged directly in concentrated form to water courses.

13. DISPOSAL CONSIDERATIONS

Disposal operations: Contact Unicorn Chemicals Ltd to arrange disposal.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

14. TRANSPORT INFORMATION**ADR / RID**

UN no: -

Shipping name: NOT CLASSIFIED AS DANGEROUS IN THE MEANING OF TRANSPORT REGULATIONS.

IMDG / IMO

UN no: -

IATA / ICAO

UN no: -

15. REGULATORY INFORMATION

Hazard symbols: No significant hazard.

Safety phrases: S2: Keep out of the reach of children.

S45: In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

Note: The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

16. OTHER INFORMATION

Other information: This safety data sheet is prepared in accordance with EC Directive 2001/58/EC.
Always use in accordance with manufacturer's directions.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.