

SAFETY DATA SHEET

UV110

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Issued: 25/05/2007

Revision No: 1

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

Product name: UV110

Product code: UV110

Company name: Holdtite Adhesives

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2. HAZARDS IDENTIFICATION

Main hazards: Irritating to eyes, respiratory system and skin. May cause sensitisation by skin contact. Very toxic to aquatic organisms. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous ingredients: PROPRIETARY PHOTOINITIATOR <1%

[-] R52/53; [Xn] R62

- ACRYLIC ACID 1-10%

EINECS: 201-177-9 CAS: 79-10-7

[-] R10; [Xn] R20/21/22; [C] R35; [N] R50

- URETHANE ACRYLATE OLIGOMER 10-30%

[Xi] R36/37/38; [Sens.] R43

- 2-HYDROXYETHYL METHACRYLATE 10-30%

EINECS: 212-782-2 CAS: 868-77-9

[Xi] R36/38; [Sens.] R43

- MONOALKYL OR MONOARYL OR MONOALKYLARYL ESTERS OF ACRYLIC ACID WITH THE EXCEPTION OF THOSE SPECIFIED ELSEWHERE IN THIS ANNEX 30-50%

[Xi] R36/37/38; [N] R51/53

4. FIRST AID MEASURES (SYMPTOMS)

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be irritation and redness. The eyes may water profusely.

Ingestion: There may be soreness and redness of the mouth and throat.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.

[cont...]

4. FIRST AID MEASURES (ACTION)

- Skin contact:** Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water.
- Eye contact:** Bathe the eye with running water for 15 minutes. Consult a doctor.
- Ingestion:** Wash out mouth with water. Consult a doctor.
- Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

5. FIRE-FIGHTING MEASURES

- Extinguishing media:** Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.
- Exposure hazards:** In combustion emits toxic fumes.
- 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. If outside do not approach from downwind. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Turn leaking containers leak-side up to prevent the escape of liquid.
- Environmental precautions:** Do not discharge into drains or rivers. Contain the spillage using bunding.
- Clean-up procedures:** Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

7. HANDLING AND STORAGE

- Handling requirements:** Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Avoid the formation or spread of mists in the air.
- Storage conditions:** Store in cool, well ventilated area. Keep container tightly closed. The floor of the storage room must be impermeable to prevent the escape of liquids.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- Hazardous ingredients:** ACRYLIC ACID
WEL (8 hr exposure limit): 30 mg/m³ WEL (15 min exposure limit): 60 mg/m³
- Engineering measures:** Ensure there is sufficient ventilation of the area. The floor of the storage room must be impermeable to prevent the escape of liquids.
- Respiratory protection:** Self-contained breathing apparatus must be available in case of emergency.
- Hand protection:** Protective gloves.
- Eye protection:** Safety glasses. Ensure eye bath is to hand.
- Skin protection:** Protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

State: Liquid

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions.

Conditions to avoid: Heat.

Materials to avoid: Strong oxidising agents. Strong acids.

Haz. decomp. products: In combustion emits toxic fumes.

11. TOXICOLOGICAL INFORMATION

Hazardous ingredients: ACRYLIC ACID

IPR RAT LD50 22 mg/kg

ORL MUS LD50 830 mg/kg

ORL RAT LD50 1250 mg/kg

SCU MUS LD50 1590 mg/kg

- 2-HYDROXYETHYL METHACRYLATE

IPR RAT LD50 1250 mg/kg

ORL MUS LD50 3275 mg/kg

ORL RAT LD50 5050 mg/kg

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

12. ECOLOGICAL INFORMATION

Mobility: Readily absorbed into soil.

Persistence and degradability: Not biodegradable.

Bioaccumulative potential: Bioaccumulation potential.

Other adverse effects: Toxic to aquatic organisms. Toxic to soil organisms.

13. DISPOSAL CONSIDERATIONS

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: 3082

ADR Class: 9

Packing group: III

Classification code: M6

Shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (ACRYLIC ACID; MONOALKYL OR MONOARYL OR MONOALKYLARYL ESTERS OF ACRYLIC ACID WITH THE EXCEPTION OF THOSE SPECIFIED ELSEWHERE IN THE ASL)

Labelling: 9

Hazard ID no: 90

**IMDG / IMO**

UN no: 3082	Class: 9
Packing group: III	EmS: F-A,S-F
Marine pollutant: .	Labelling: 9

IATA / ICAO

UN no: 3082	Class: 9
Packing group: III	Packing instructions: 914
Labelling: 9	

15. REGULATORY INFORMATION

Hazard symbols: Irritant.

Dangerous for the environment.



Risk phrases: R36/37/38: Irritating to eyes, respiratory system and skin.

R43: May cause sensitisation by skin contact.

R50: Very toxic to aquatic organisms.

R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Safety phrases: S23: Do not breathe fumes.

S24/25: Avoid contact with skin and eyes.

S37/39: Wear suitable gloves and eye / face protection.

S51: Use only in well-ventilated areas.

S61: Avoid release to the environment. Refer to special instructions / safety data sheets.

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

Risk phrases used in s.2: R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R62: Possible risk of impaired fertility.

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R10: Flammable.

R20/21/22: Harmful by inhalation, in contact with skin and if swallowed.

R35: Causes severe burns.

R50: Very toxic to aquatic organisms.

R36/37/38: Irritating to eyes, respiratory system and skin.

R43: May cause sensitisation by skin contact.

R36/38: Irritating to eyes and skin.

R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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.