

# SAFETY DATA SHEET

3295 PART A

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Issued: 18/07/2007

Revision No: 1

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

**Product name:** 3295 PART A

**Product code:** 3295A

**Company name:** Holdtite Adhesives

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## 2. HAZARDS IDENTIFICATION

**Main hazards:** Highly flammable. Harmful by inhalation. Irritating to respiratory system and skin. Risk of serious damage to eyes. May cause sensitisation by skin contact. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**Other hazards:** In use, may form flammable / explosive vapour-air mixture.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

**Hazardous ingredients:** METHYL METHACRYLATE 30-50%

EINECS: 201-297-1 CAS: 80-62-6

[F] R11; [Xi] R37/38; [Sens.] R43

- 2-HYDROXYETHYL METHACRYLATE 1-10%

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

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

- 2,3-EPOXYPROPYL METHACRYLATE 1-10%

EINECS: 203-441-9 CAS: 106-91-2

[Xn] R20/21/22; [Xi] R36/38; [Sens.] R43

- A,A-DIMETHYLBENZYL HYDROPEROXIDE 1-10%

EINECS: 201-524-7 CAS: 80-15-9

[O] R7; [Xn] R21/22; [T] R23; [C] R34; [Xn] R48/20/22; [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:** Alcohol resistant foam. Water spray. Carbon dioxide. Dry chemical powder. Use water spray to cool containers.
- Exposure hazards:** Highly flammable. In combustion emits toxic fumes. Forms explosive air-vapour mixture. Vapour may travel considerable distance to source of ignition and flash back.
- 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. Eliminate all sources of ignition.
- 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. Do not use equipment in clean-up procedure which may produce sparks.

**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. Smoking is forbidden. Use non-sparking tools.
- Storage conditions:** Store in cool, well ventilated area. Keep container tightly closed. Keep away from sources of ignition. Prevent the build up of electrostatic charge in the immediate area. Ensure lighting and electrical equipment are not a source of ignition.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

- Hazardous ingredients:** METHYL METHACRYLATE  
WEL (8 hr exposure limit): 208 mg/m<sup>3</sup> WEL (15 min exposure limit): 416 mg/m<sup>3</sup>
- Engineering measures:** Ensure there is sufficient ventilation of the area. Ensure lighting and electrical equipment are not a source of ignition.
- 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

**Colour:** Green

**Odour:** Acrylic.

**Solubility in water:** Insoluble

**Flash point°C:** 15

## 10. STABILITY AND REACTIVITY

**Stability:** Stable under normal conditions. Stable at room temperature.

**Conditions to avoid:** Heat. Hot surfaces. Sources of ignition. Flames.

**Materials to avoid:** Strong oxidising agents. Strong acids.

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

## 11. TOXICOLOGICAL INFORMATION

**Hazardous ingredients:** METHYL METHACRYLATE

IPR RAT LD50 1328 mg/kg

ORL MUS LD50 3625 mg/kg

ORL RAT LD50 7872 mg/kg

- 2-HYDROXYETHYL METHACRYLATE

IPR RAT LD50 1250 mg/kg

ORL MUS LD50 3275 mg/kg

ORL RAT LD50 5050 mg/kg

- 2,3-EPOXYPROPYL METHACRYLATE

ORL MUS LD50 390 mg/kg

ORL RAT LD50 500 mg/kg

- A,A-DIMETHYLBENZYL HYDROPEROXIDE

ORL MUS LDLO 5 gm/kg

ORL RAT LD50 382 mg/kg

SCU RAT LD50 382 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:** Biodegradable.

**Bioaccumulative potential:** No bioaccumulation potential.

**Other adverse effects:** Negligible ecotoxicity.

**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**

<b>UN no:</b> 1133	<b>ADR Class:</b> 3
<b>Packing group:</b> II	<b>Classification code:</b> F1
<b>Shipping name:</b> ADHESIVES (METHYL METHACRYLATE)	
<b>Labelling:</b> 3	<b>Hazard ID no:</b> 33

**IMDG / IMO**

<b>UN no:</b> 1133	<b>Class:</b> 3
<b>Packing group:</b> II	<b>EmS:</b> F-E,S-D
<b>Marine pollutant:</b> .	<b>Labelling:</b> 3

**IATA / ICAO**

<b>UN no:</b> 1133	<b>Class:</b> 3
<b>Packing group:</b> II	<b>Packing instructions:</b> 305(P&CA); 307(CAO)
<b>Labelling:</b> 3	

**15. REGULATORY INFORMATION**

**Hazard symbols:** Highly flammable.

Harmful.



**Risk phrases:** R11: Highly flammable.  
R20: Harmful by inhalation.  
R37/38: Irritating to respiratory system and skin.  
R41: Risk of serious damage to eyes.  
R43: May cause sensitisation by skin contact.  
R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**Safety phrases:** S16: Keep away from sources of ignition - No smoking.

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S24/25: Avoid contact with skin and eyes.

S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S36/37/39: Wear suitable protective clothing, 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:** R11: Highly flammable.

R37/38: Irritating to respiratory system and skin.

R43: May cause sensitisation by skin contact.

R36/38: Irritating to eyes and skin.

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

R7: May cause fire.

R21/22: Harmful in contact with skin and if swallowed.

R23: Toxic by inhalation.

R34: Causes burns.

R48/20/22: Harmful: danger of serious damage to health by prolonged exposure through inhalation and if swallowed.

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.