



**SAFETY DATA SHEET**  
DA509 SLEEVE AND BUSH ADHESIVE

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Revision No: 3

**1. IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING**

**Product name:** DA509 SLEEVE AND BUSH ADHESIVE  
**Product code:** DA509  
**Company name:** Delta Adhesives Limited  
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Tel: +44 (0) 1226 381571  
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**2. HAZARDS IDENTIFICATION**

**Classification under CHIP:** Irritating to eyes, respiratory system and skin. May cause sensitisation by skin contact.

**Workplace exposure limit:** This substance has a workplace exposure limit: (UK: WEL 8 hr exposure 10ppm 30mg/m3).

**PBT:** This substance is not identified as a PBT substance.

**Directive 1999/45/EC:** This mixture meets the criteria for classification as dangerous in accordance with Directive 1999/45/EC.

**Other hazards:** Irritating to eyes. Irritating to skin. May cause sensitisation by skin contact. May cause sensitisation by inhalation.

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

- Hazardous ingredients:** 2-HYDROXYPROPYL METHACRYLATE 10-30%  
EINECS: 213-090-3 CAS: 923-26-2  
[Xi] R36; [Sens.] R43
- 2,2-BIS(ACRYLOYLOXYMETHYL)BUTYL ACRYLATE 1-10%  
EINECS: 239-701-3 CAS: 15625-89-5  
[Xi] R36/38; [Sens.] R43
  - ACRYLIC ACID 1-10%  
EINECS: 201-177-9 CAS: 79-10-7  
[-] R10; [Xn] R20/21/22; [C] R35; [N] R50
  - CUMENE 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

[cont...]

**4. FIRST AID MEASURES**

**Skin contact:** Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water. For persistent irritation seek medical advice.

**Eye contact:** Bathe the eye with running water for 15 minutes. Consult a doctor.

**Ingestion:** Do not induce vomiting. Give 1 cup of water to drink every 10 minutes. 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. Dry chemical powder. Carbon dioxide. Do not use water Jet

**Exposure hazards:** In combustion emits toxic fumes. Explosive.

**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.

**Suitable packaging:** Must only be kept in original packaging.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Workplace exposure limits:** DA509 SLEEVE AND BUSH ADHESIVE  
UK - 8 hour TWA: 10ppm (30mg/m<sup>3</sup>)  
UK - 15 min. STEL: 20ppm (60mg/m<sup>3</sup>)

**Hazardous ingredients:** ACRYLIC ACID  
UK - 8 hour TWA: 30 mg/m<sup>3</sup>  
UK - 15 min. STEL: 60 mg/m<sup>3</sup>

**Engineering measures:** Ensure there is sufficient ventilation of the area.

**Respiratory protection:** Self-contained breathing apparatus must be available in case of emergency.

**Hand protection:** Protective gloves.

**Eye protection:** Safety glasses.

**Skin protection:** Protective clothing.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**State:** Liquid

**Colour:** Green

**Odour:** Characteristic odour

**Oxidising:** Non-oxidising (by EC criteria)

**Solubility in water:** Slightly soluble

**Viscosity:** Viscous

**Kinematic visc. 40°C (mm<sup>2</sup>/s):** 2500cps

**Viscosity test method:** Brookfield (cps)

**Boiling point/range°C:** N/A

**Melting point/range°C:** N/A

**Flash point°C:** >100

**Part.coeff. n-octanol/water:** < 3

**Autoflammability°C:** N/A

**Vapour pressure:** 0.1 mmHg 20C

**Relative density:** 1.08

**pH:** 3 - 5

## 10. STABILITY AND REACTIVITY

**Stability:** Stable under normal conditions.

**Conditions to avoid:** Heat. Direct sunlight. Sources of ignition.

**Materials to avoid:** Oxidising agents.

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

## 11. TOXICOLOGICAL INFORMATION

**Acute effects:** Irritating to eyes, respiratory system and skin.

**Sensitisation:** May cause sensitisation by skin contact.

## 11. TOXICOLOGICAL INFORMATION (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.

**12. ECOLOGICAL INFORMATION**

**Mobility:** Readily absorbed into soil.

**Persistence and degradability:** Biodegradable.

**Bioaccumulative potential:** No data available.

**Other adverse effects:** No data available.

**Log Pow:** < 3

**PBT identification:** This substance is not identified as a PBT substance.

**13. DISPOSAL CONSIDERATIONS**

**Disposal operations:** Dispose of according to local or national legislation

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

**14. TRANSPORT INFORMATION****ADR / RID****IMDG / IMO****IATA / ICAO****15. REGULATORY INFORMATION (CHIP)**

**Hazard symbols:** Irritant.



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

R43: May cause sensitisation by skin contact.

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

S24: Avoid contact with skin.

S37: Wear suitable gloves.

S46: If swallowed, seek medical advice immediately and show this container or label.

**Haz. ingredients (label):** 2-HYDROXYPROPYL METHACRYLATE; 2,2-BIS(ACRYLOYLOXYMETHYL)BUTYL ACRYLATE; ACRYLIC ACID; CUMENE HYDROPEROXIDE

**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 Regulation (EC) No 1907/2006.

\* indicates text in the SDS which has changed since the last revision.

**Risk phrases used in s.3:** R36: Irritating to eyes.  
R43: May cause sensitisation by skin contact.  
R36/38: Irritating to eyes and skin.  
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.  
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.