

SAFETY DATA SHEET

NON CORROSIVE SILICONE SEALANT

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SD0031 v3.2 RS 494-102, 494-118**1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING**

Product: Non corrosive silicone sealant

Article Number: RS 494-102, 494-118

Application: Sealing to Copper Clad Items, Semiconductor Junction Protection

Supplier: RS Components Ltd,
Birchington Road,
Corby, Northants,
NN17 9RS,

Tel: +44 (0) 1536 402888 (8am to 8pm)
Fax: +44 (0) 1536 401588
Email: technical.help@rs-components.com

2. HAZARDS IDENTIFICATION

Main hazards: No significant hazard.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous ingredients: TRIMETHOXY(METHYL)SILANE 1-10%
EINECS: 214-685-0 CAS: 1185-55-3
[F] R11; [Xn] R22

4. FIRST AID MEASURES (SYMPTOMS)

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

Eye contact: There may be irritation and redness.

Ingestion: There may be irritation of the throat.

4. FIRST AID MEASURES (ACTION)

Skin contact: Wash immediately with plenty of soap and water.

Eye contact: Bathe the eye with running water for 15 minutes.

Ingestion: Wash out mouth with water.

Inhalation: Move to fresh air in case of accidental inhalation of vapours.

5. FIRE-FIGHTING MEASURES

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Carbon dioxide. Alcohol or polymer foam. Dry chemical powder. Water spray.

Exposure hazards: In combustion emits toxic fumes.

Protection of fire-fighters: Wear self-contained breathing apparatus.

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: Transfer to a closable, labelled salvage container for disposal by an appropriate method. The spilled product produces an extremely slippery surface.

[cont...]

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7. HANDLING AND STORAGE

Handling requirements: Ensure there is sufficient ventilation of the area.

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

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Hazardous ingredients: TRIMETHOXY(METHYL)SILANE
WEL (8 hr TWA): 200 ppm WEL (15 min STEL): 250 ppm

Hand protection: Protective gloves.

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

Skin protection: Protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

State: Paste

Colour: Various

Odour: Barely perceptible odour

Relative density: 1.39

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions.

Conditions to avoid: Humidity.

Haz. decomp. products: If this product is heated to > 150 degrees C, trace quantities of formaldehyde may be released, and adequate ventilation is required.

11. TOXICOLOGICAL INFORMATION

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

12. ECOLOGICAL INFORMATION

Persistence and degradability: Not 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

UN no: Not Classified.

IMDG / IMO

UN no: Not Classified.

[cont...]

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IATA / ICAO

UN no: Not Classified.

15. REGULATORY INFORMATION

Hazard symbols: No significant hazard.

Safety phrases: S24: Avoid contact with skin.
S51: Use only in well-ventilated areas.

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.3: R11: Highly flammable.
R22: Harmful if swallowed.

Legal disclaimer: This product safety data sheet was prepared in compliance with Art.31 and Annex II of Regulation (EC) No 1907/2006 (REACH) as well as their relevant amendments, on the approximation of laws, regulations and administrative provisions relative to the classification, packaging and labelling of dangerous substances and preparations.

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