

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

Product name: All Purpose Contact Adhesive

Product code: 03004

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2. HAZARDS IDENTIFICATION

Classification - 1999/45/EC F; R11 Xn; R48/20-63-65 Xi; R38-43 R52/53-67
Symbols: F: Highly flammable. Xn: Harmful.

Main hazards:

- Highly flammable.
- Irritating to skin.
- May cause sensitisation by skin contact.
- Harmful: danger of serious damage to health by prolonged exposure through inhalation.
- Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- Possible risk of harm to the unborn child.
- Harmful: may cause lung damage if swallowed.
- Vapours may cause drowsiness and dizziness.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Index No.	CAS No.	EC No.	Conc. (%w/w)	Classification
Toluene	601-021-00-3	108-88-3	203-625-9	40 - 50%	F; R11 Repr. Cat. 3; R63 Xn; R48/20-65 Xi; R38 R67
Acetone	606-001-00-8	67-64-1	200-662-2	1 - 10%	F; R11 Xi; R36 R66 R67
Rosin (Rosin-based solder flux fume)	650-015-00-7	8050-09-7	232-475-7	0.5 - 1%	R43
Zinc oxide	030-013-00-7	1314-13-2	215-222-5	0.5 - 1%	N; R50/53

4. FIRST AID MEASURES

Inhalation: - Harmful by inhalation. Inhalation may cause nausea and vomiting. May cause dizziness & headache. Move the exposed person to fresh air. Seek medical attention.

Eye contact: - May cause irritation to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.

Skin contact: - May cause irritation to skin. May cause dermatitis. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.

Ingestion: - Harmful if swallowed. Ingestion may cause nausea and vomiting. Ingestion is irritating to the respiratory tract and may cause damage to the central nervous system. DO NOT INDUCE VOMITING. If swallowed, seek medical advice immediately and show this container or label.

5. FIRE-FIGHTING MEASURES

- Extinguishing media:** - Use as appropriate: Carbon dioxide (CO₂), Dry chemical, Foam.
- Exposure hazards:** - Burning produces irritating, toxic & obnoxious fumes. Vapour may travel considerable distance to source of ignition and flash back.
- Protection of fire-fighters:** - Wear suitable respiratory equipment when necessary.

6. ACCIDENTAL RELEASE MEASURES

- Personal precautions:** - Ensure adequate ventilation of the working area. Eliminate all sources of ignition. Wear suitable protective equipment.
- Environmental precautions:** - Do not allow product to enter drains. Prevent further spillage if safe.
- Clean-up procedures:** - Absorb with inert, absorbent material. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.

7. HANDLING AND STORAGE

- Handling:**
- Avoid contact with eyes and skin.
 - Ensure adequate ventilation of the working area.
 - Use explosion proof equipment.
 - Keep away from sources of ignition - No smoking.
 - Adopt best manual handling considerations when handling, carrying & dispensing.
- Storage conditions:**
- Keep in a cool, dry, well ventilated area.
 - Keep containers tightly closed.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters: - Exposure Limit Values:

Acetone	WEL 8-hr limit ppm: 500 WEL 15 min limit ppm: 1500	WEL 8-hr limit mg/m ³ : 1210 WEL 15 min limit mg/m ³ : 3620
Rosin (Rosin-based solder flux fume)	WEL 8-hr limit ppm: - WEL 15 min limit ppm: -	WEL 8-hr limit mg/m ³ : 0.05 WEL 15 min limit mg/m ³ : 0.15
Toluene	WEL 8-hr limit ppm: 50 WEL 15 min limit ppm: 100	WEL 8-hr limit mg/m ³ : 191 WEL 15 min limit mg/m ³ : 384

- Exposure controls:**
- Appropriate engineering controls:** Ensure adequate ventilation of the working area.
- Individual protection measures:** Wear chemical protective clothing.
- Eye / face protection:** Approved safety goggles.
- Skin/Hand protection:** - Chemical resistant gloves (PVC).
- Respiratory protection:** - Respiratory protection must be worn if air contamination exceeds the Workplace Exposure Limit (WEL).
- Wear protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

- State:** Liquid
- Colour:** Amber
- Odour:** Pungent
- Boiling point:** 110°C
- Flash point:** -5 CC°C
- Relative density:** 0.85-0.8 @ 20

State: Liquid

Viscosity: 4000--5000 cps @ 20

Water solubility: Insoluble in water

10. STABILITY AND REACTIVITY

Stability: - Stable under normal storage and conditions of use

Conditions to avoid: - Heat, sparks and open flames.

Materials to avoid: - Oxidising agents

11. TOXICOLOGICAL INFORMATION

12. ECOLOGICAL INFORMATION

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

13. DISPOSAL CONSIDERATIONS

Disposal or waste & packaging: - Dispose of according to local or national legislation.

14. TRANSPORT INFORMATION

UN number: - UN1133

UN proper shipping name: - ADHESIVES

Transport hazard class(es): - ADR/RID: 3
- IMDG: 3
- IATA: 3

Packing group: III

Hazards: - Environmental hazards: No
- Marine pollutant: No

ADR/RID: - Hazard ID: 30
- Tunnel Category: (D/E)

IMDG: - EmS Code: F-E S-D

IATA: - Packing Instruction (Cargo): 366
- Maximum quantity: 220L
- Packing Instruction (Passenger): 355
- Maximum quantity: 60L



15. REGULATORY INFORMATION

Hazard symbols: - The product is classified in accordance with 67/548/EEC.
- F: Highly flammable. Xn: Harmful.



Risk Phrases: - R11 - Highly flammable.
- R38 - Irritating to skin.
- R43 - May cause sensitisation by skin contact.
- R48/20 - Harmful: danger of serious damage to health by prolonged exposure through inhalation.
- R52/53 - Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- R63 - Possible risk of harm to the unborn child.
- R65 - Harmful: may cause lung damage if swallowed.
- R67 - Vapours may cause drowsiness and dizziness.

Safety Phrases: - S16 - Keep away from sources of ignition - No smoking.
- S24 - Avoid contact with skin.
- S37 - Wear suitable gloves.
- S62 - If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

16. OTHER INFORMATION

The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.