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## SAFETY DATA SHEET

### according to EC Directive 2001/58/EC

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

Identification of the preparation **LIQUID SOLDER 1.5 OZ TB**

Item No: **25906**

Recommended use **Adhesive**

#### 2. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	Weight Percent	EC Number	Risk Phrases	Exposure limits
ACETONE 67-64-1	35-45	200-662-2	F;R11, Xi;R36, R66, R67	500 ppm; 1188 mg/m <sup>3</sup> TWA ACGIH
VINYL RESIN 9005-09-8	25-35	Not determined	None	Not listed
ISOBUTYL ACETATE 110-19-0	15-25	203-745-1	F;R11, R66	8h: 150 ppm; 720 mg/m <sup>3</sup> 15min: 200 ppm, 960 mg/m <sup>3</sup>
SILICON DIOXIDE, AMORPHOUS 112945-52-5	1-10	Not determined	None	10 mg/m <sup>3</sup> TWA ACGIH
BENZOATE ESTERS MIXTURE	1-10	Not determined	None	Not listed
ORGANO PHOSPHITE ALKYLPHENOL MIXTURE	1-10	Not determined	None	Not listed

#### 3. HAZARDS IDENTIFICATION

**Classification**

F - Highly flammable, Xi - Irritant

**Most Important Hazards:**

Highly flammable. Causes eye irritation.. Prolonged or repeated contact may cause dry skin.  
Excessive inhalation causes headache, dizziness, nausea, and incoordination..

#### 4. FIRST-AID MEASURES

**General advice:**

Seek medical attention. Show this safety data sheet to the doctor in attendance.

**Inhalation:**

If inhaled, remove to fresh air. If not breathing give artificial respiration, preferably mouth-to-mouth. If breathing is difficult give oxygen. Get medical attention..

**Skin Contact:**

Remove contaminated clothing. Wash area with soap and water. If irritation persists, seek medical attention..

**Eye Contact:**

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

**Ingestion:**

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

**Protection of first-aiders**

Avoid contact with skin, eyes and clothing.

**Notes to Physician:**

Treatment should be directed at preventing absorption, administering to symptoms (if they occur), and providing supportive therapy.

#### 5. FIRE-FIGHTING MEASURES

**Suitable Extinguishing Media:**

Dry chemical, carbon dioxide (CO<sub>2</sub>), foam.

**Extinguishing media which must not be used for safety reasons**

None reasonably foreseeable

**Special instructions for protection and hygiene**

Flammable. Keep away from heat and sources of ignition. During a fire, irritating and toxic gases may be generated during combustion or decomposition..

**Special protective equipment for firefighters**

Use personal protective equipment. Avoid contact with eyes.

#### 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions:**

For additional information on processing see sections 7, 8 and 11 of this safety data sheet.

**Environmental Precautions:**

Do not flush into surface water or sanitary sewer system.

**Cleanup:**

Maintain good ventilation. Take up with an inert absorbent. Store in a closed waste container until disposal.

#### 7. HANDLING AND STORAGE

**Handling precautions:**

Avoid contact with eyes. Avoid breathing vapors or mists. Wash thoroughly after handling. Keep away from sources of ignition - No smoking.

**Storage** Keep away from heat and sources of ignition.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Ventilation:** Provide adequate ventilation  
**Respiratory Protection:** In case of insufficient ventilation, wear suitable respiratory equipment.  
**Skin:** Rubber or plastic gloves.  
**Eyes:** Safety glasses or goggles.  
**Hygiene Measures:** Do not eat or drink while using this product.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Appearance** silver paste  
**Odor:** STRONG  
**pH:** Does not apply  
**Boiling point/range** No information available  
**Melting point:** Not determined  
**Flash point:** <0 C.  
**risk of explosion** Flammable. Heating can release vapors which can be ignited.  
**vapor pressure** not determined  
**Density:** 0.96  
**Solubility in water:** Partial  
**Partition coefficient (n-octanol/water)** not determined  
**vapor density** >1 (Air = 1)  
**Evaporation Rate:** <1 (butyl acetate = 1)  
**VOC Content(%)** 23.4%

**10. STABILITY/REACTIVITY**

**Stability** Stable at normal conditions  
**Conditions to Avoid:** Keep away from heat, sparks and open flame.  
**Materials to Avoid:** Strong oxidizers, acids, alkalines, Reducing agents.  
**Hazardous decomposition products** carbon oxides, phosphorus, hydrogen chloride

**11. TOXICOLOGICAL INFORMATION**

Ingredient	Weight Percent	LD50:	LC 50 (mg/l)
ACETONE 67-64-1	35-45	oral rat; 5800 mg/kg	Inhal rat; 50100 mg/m <sup>3</sup> /8h
SILICON DIOXIDE, AMORPHOUS 112945-52-5	1-10	oral rat; 3160 mg/kg	

**Local Effects**

**Skin Irritation:** May cause skin irritation and/or dermatitis.  
**Eye Irritation:** Irritating, but will not permanently injure eye tissue.  
**Inhalation** Inhalation of high vapor concentrations may cause symptoms like headache, dizziness, tiredness, nausea and vomiting.  
**Ingestion:** Irritating to mouth, throat and stomach  
**Sensitization:** None anticipated  
**Chronic Toxicity:** None anticipated

**Specific Effects**

**Carcinogenic effects:** None reasonably foreseeable  
**Mutagenic effects** None reasonably foreseeable  
**Reproductive toxicity** None reasonably foreseeable  
**Target Organ Effects:** Eyes, Skin, Respiratory System, Gastrointestinal Tract

**12 ECOLOGICAL INFORMATION**

**Ecotoxicity:** No information available

**13. DISPOSAL CONSIDERATIONS**

**Waste from Residues:** According to the European Waste Catalogue, Waste Codes are not product specific, but application specific. Waste codes should be assigned by the user based on the application for which the product was used.

**14. TRANSPORT INFORMATION**

**IATA**

**Proper Shipping Name:** Consumer Commodity (Not more than 500 ml)  
**Hazard Class** Class 9  
**UN/ID No** ID 8000

**IMDG**

**Proper shipping name** Adhesives, Limited Quantity  
**Hazard Class** Class 3, PG II  
**UN/ID No** UN 1133  
**Marine Pollutant:** None

**ADR/RID**

**Proper Shipping Name:** Adhesives, containing flammable liquid  
**Hazard Class** Class 3, PG II  
**UN/ID No** UN 1133  
**ADR/RID Information:** Limited Quantity; LQ06

**15. REGULATORY INFORMATION**

The product is classified in accordance with Annex VI to Directive 67/548/EEC.

**Indication of Danger:**

F - Highly flammable Xi - Irritant , acetone

**R -phrase(s)**

- R11 - Highly flammable
- R36 - Irritating to eyes
- R66 - Repeated exposure may cause skin dryness or cracking
- R67 - vapors may cause drowsiness and dizziness

**S -phrase(s)**

- S 2 - Keep out of the reach of children
- S16 - Keep away from sources of ignition - No smoking
- S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
- S36 - Wear suitable protective clothing
- S51 - Use only in well ventilated areas

**16. OTHER INFORMATION**

**Text of R phrases mentioned in Section 2**

R11 - Highly flammable  
R36 - Irritating to eyes  
R66 - Repeated exposure may cause skin dryness or cracking  
R67 - vapors may cause drowsiness and dizziness

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