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Material Safety Data Sheet

1. PRODUCT IDENTIFICATION

Product Name: LIQUID SOLDER 1.5 OZ TB
Item No: 25906
Product Type: Adhesive

2. COMPOSITION/INFORMATION ON INGREDIENTS

Component	Weight%	ACGIH; TLV-TWA	OSHA PEL
ACETONE 67-64-1	35-45	500 ppm	1000 ppm; 2400 mg/m ³
COPOLYMER OF VINYL CHLORIDE, VINYL AACETATE AND DICARBONIC ACID 32650-26-3	25-35	Not listed	Not listed
ISOBUTYL ACETATE 110-19-0	15-25	150 ppm	150 ppm; 700 mg/m ³
SILICON DIOXIDE, AMORPHOUS 112945-52-5	<3	5 mg/m ³ , TWA	Not listed
BENZOATE ESTERS MIXTURE	<2	Not listed	Not listed

3. HAZARDS IDENTIFICATION

Toxicity: May cause eye, skin and respiratory irritation. May cause gastrointestinal irritation. Note: This product does not contain microcrystalline silica.
Primary Routes of Entry: Eye and skin contact, ingestion, inhalation
Signs and Symptoms of Exposure: Excessive overexposure may cause giddiness, dizziness, headache, nausea and in extreme cases, unconsciousness and respiratory depression. Inhaling may cause mild irritation to the nose, throat and respiratory tract and may result in central nervous system (CNS) depression. Moderately toxic if swallowed. Irritating to mouth, throat and stomach with nausea. Overexposure may cause eye and skin redness.

Component	Weight%	NTP	ACGIH Carcinogens	IARC
ACETONE 67-64-1	35-45	Not known	A4 - Not Classifiable as a Human Carcinogen	
SILICON DIOXIDE, AMORPHOUS 112945-52-5	<3			Amorphous Silica, Group 3: Vol. 68: 1997

Medical Conditions Recognized as Being Aggravated by Exposure: Preexisting skin disorders.

4. FIRST AID MEASURES

Ingestion: Do not induce vomiting. Slowly dilute with 1-2 glasses of water or milk and seek medical attention. Never give anything by mouth to an unconscious person.
Inhalation: Move to fresh air in case of accidental inhalation of vapours. Oxygen or artificial respiration if needed. Obtain medical attention.
Skin Contact: Remove contaminated clothing. Wash area with soap and water. If irritation persists, seek medical attention.
Eye Contact: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

5. FIRE FIGHTING MEASURES

Flash Point °F(C°): 0°F TCC
Recommended Extinguishing Media: Carbon Dioxide, Dry Chemicals, Foam.

5. FIRE FIGHTING MEASURES

Special Fire-Fighting Procedures:	Water spray may be ineffective on flames but should be used to keep fire-exposed containers cool.
Hazardous Products of Combustion:	Aluminum., Oxides of phosphorus, Oxides of carbon, Hydrogen chloride
Unusual Fire/Explosion Hazards:	Vapors may travel from container toward sources of ignition and flashback. Keep containers cool.
Lower Explosive Limit:	Not determined
Upper Explosive Limit:	Not determined

6. ACCIDENTAL RELEASE MEASURES

Spill Procedures:	Eliminate all sources of ignition. Maintain good ventilation. Take up with an inert absorbent. Store in a closed waste container until disposal.
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7. HANDLING AND STORAGE

Storage:	Store away from heat, sparks or open flame. Do not store at temperatures above 100°F (38°C).
Handling:	Avoid contact with skin and eyes. Do not inhale vapors. Keep container closed when not in use.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eyes:	Safety glasses or goggles.
Skin:	Neoprene or nitrile gloves recommended.
Ventilation:	General; local exhaust ventilation as necessary to control any air contaminants to within their exposure limits (or to the lowest feasible levels when limits have not been established) during the use of this product.
Respiratory Protection:	An approved organic vapor respirator should be worn when exposures are expected to exceed the applicable limits.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Silver liquid
Odor:	Ketone
Boiling Point:	Not determined.
pH:	Does not apply
Solubility in Water:	Partial
Specific Gravity:	0.95-0.97
VOC(Wt.%):	23.5%
Vapor Pressure:	Not determined
Vapor Density (Air=1):	>1 (air = 1)
Evaporation Rate:	<1 (butyl acetate=1)

10. STABILITY AND REACTIVITY

Chemical Stability:	Stable at normal conditions
Hazardous Polymerization:	Will not occur.
Incompatibilities:	Avoid contact with strong oxidizers., Strong alkalies, strong mineral acids, reducing agents
Conditions to Avoid:	Keep away from heat, sparks and open flame.
Hazardous Products of Combustion:	Aluminum., Oxides of phosphorus, Oxides of carbon, Hydrogen chloride

11. TOXICOLOGICAL INFORMATION

See Section 3

12. ECOLOGICAL INFORMATION

No data available

13. DISPOSAL CONSIDERATIONS

Recommended Method of Disposal:	Disposal should be made in accordance with federal, state and local regulations..
US EPA Waste Number:	D001 as per 40CFR 261.21

14. TRANSPORTATION INFORMATION

DOT (49CFR 172)

Ground Transport (DOT)

DOT Shipping Name: Consumer Commodity (not more than one liter)

14. TRANSPORTATION INFORMATION

Hazard Class: ORM-D
UN/ID Number: None

IATA

Proper Shipping Name: Consumer Commodity (Not more than 500 ml)
Class or Division: Class 9
UN/ID Number: ID 8000

IMDG

Proper Shipping: Adhesives containing flammable liquid, Limited Quantity
Hazard Class: Class 3, PG II
UN Number: UN 1133

Marine Pollutant: None

15. REGULATORY INFORMATION

SARA 313 Chemicals: The following component(s) is listed as a SARA Section 313 Toxic Chemical.

None

California Proposition 65: No California Prop 65 chemicals are known to be present at or above the No Significant Risk Level

TSCA Inventory Status: All components of this product are listed (or exempt) on the EPA TSCA inventory.

16. OTHER INFORMATION

Estimated NFPA Rating: HEALTH 2, FLAMMABILITY 3, REACTIVITY 0.
Estimated HMIS Classification: HEALTH 2, FLAMMABILITY 3, PHYSICAL HAZARD 0
NFPA is a registered trademark of the National Fire Protection Assn.
HMIS is a registered trademark of the National Paint and Coatings Assn.

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