

No Clean Flux Paste



8341 **NEW**

Convenient syringe dispenser ideal for touch up and repair of surface mount assemblies.

A unique mixture of high grade synthetic resin and thixotropic agents designed specifically for use with high temperature lead free and conventional Sn/Pb alloys. It provides the fluxing activity levels that promote fast wetting action and maximum wetting spread.

- Excellent wettability
- No clean
- Non-conductive, Non- tacky residues
- Compatible with Lead free & Leaded Solder Systems
- Thixotropic paste
- RoHS compliant



Our flux paste is a no clean formulation therefore the residues do not need to be removed for most applications. If a [Conformal Coating](#) needs to be applied on to the board for moisture protection then removal of the residue is require. In such a case, you will require the use of a [Flux Remover](#).

Excellent wettability, no clean, non-conductive, non0tacky residues, compatible with lead free & leaded solder systems, thixotropic paste and RoHS compliant.

Specifications

	Specification	Test Method
Flux Classification	R0L0	JSTD-004
Copper Mirror	No removal of copper film	IPC-TM-650 2.3.32
Silver Chromate	Pass	IPS-TM-650 2.3.33
Corrosion	Pass	IPS-TM-650 2.6.15
SIR		
JSTD-004	2.36 x 10 ¹³ ohms	IPC-TM-650 2.6.3.3
Bellcore (Telecordia)	5.24 x 10 ¹² ohms	Bellcore GR-78-CORE 13.1.3
Electromigration	Pass	Bellcore GR-78-CORE 13.1.4

Available Sizes

Catalog Number	Sizes Available	Description
8341-10ML	10mL / 8 grams / 10cc	Paste

Material Safety Data Sheet

Section 1: Product Identification

MSDS Code: 8341**Name: No Clean Flux Paste****Related Part Numbers: 8341-10ML**

Use: For use with leaded and unleaded solder during soldering process.

Section 2: Hazardous Ingredients

CAS#	Chemical Name	Percentage by weight	ACGIH TWA	Osha Pel	Osha Stel
112-34-5	Glycol Ether DB	<25%	N/E	N/E	N/E
65997-05-9	Modified Rosin	<60%	N/E	N/E	N/E

Section 3: Hazards Identification

- Eyes:** Fumes may cause eye irritation.
- Skin:** Vapors may cause skin irritation.
- Inhalation:** Inhalation of the fumes from this or other soldering products may cause headache, nausea, and muscular pain.
- Ingestion:** Ingestion of the fumes from this or other soldering products may cause headache, nausea, and muscular pain.
- Chronic:** Prolonged or repeated exposure due to ingestion may cause anemia, insomnia, weakness, constipation and abdominal pain.

Section 4: First Aid Measure

- Eyes:** **MOLTEN PRODUCT:** Cool burns with plenty of low-pressure water. Get immediate medical attention. **SOLID PRODUCT:** Remove any contact lenses. Immediately flush eyes with large quantities of water for at least 15 minutes. Get medical attention if irritation develops.
- Skin:** **MOLTEN PRODUCT:** Immediately cool skin burns with water and cold packs for at least 15 minutes. Do not put ice directly on the skin. Do not attempt to remove solidified product from the skin, as damage may result. Get immediate medical attention. **SOLID PRODUCT:** Immediately wash skin with soap and copious amounts of water. Use lotion to prevent dryness. Get medical attention if irritation develops.
- Inhalation:** If symptoms of overexposure are experienced, evacuate to fresh air. If symptoms persist, seek medical attention.
- Ingestion:** If person is conscious, immediately give 2 glasses of water. Do not induce vomiting. Get immediate medical attention.

Section 5: Fire Fighting Measures

- Autoignition Temperature:** >227C (440F) **Flash Point:** >116°C (240F) **LEL / UEL:** N/E
- Extinguishing Media:** Carbon dioxide, dry chemical or appropriate foam. Water may be effective for cooling containers but not for extinguishing.
- General Information:** Closed containers may explode when exposed to fire conditions.

Section 6: Accidental Release Measures

Spill Procedure: Scoop up material and deposit in appropriate containers. Clean up residual spill area with isopropanol or detergent water.

Section 7: Handling and Storage

Handling: Wash thoroughly after handling. Avoid contact with eyes, skin, and clothing. Do not ingest or inhale. Do not expose container to heat or flame.

Storage: Keep away from sources of ignition. Store in a cool, dry, well-ventilated area, away from incompatible substances.

Section 8: Exposure Controls

Routes of entry: Eyes, ingestion, inhalation, and skin.

Ventilation: Use adequate general or local exhaust ventilation to keep airborne concentrations below exposure limits.

Personal Protection: Wear appropriate protective eyeglasses or chemical safety goggles. Wear appropriate protective clothing to prevent skin contact. Use a NIOSH approved respirator when necessary.

Section 9: Physical and Chemical Properties

Physical State:	Smooth amber paste	Odor:	Mild	Solubility in water:	Partially Soluble	Evaporation Rate:	N/A
Boiling Point:	256°C/ (493°F) @760 mmHg	Specific Gravity:	1.031 to 1.033 (water=1)	Vapor Pressure:	N/D	Vapor Density:	N/D
						pH:	N/A

Section 10: Stability and Reactivity

Stability: Stable under ordinary use and storage conditions.

Conditions to avoid: N/A

Incompatibilities: Strong acids and strong oxidizers should be avoided

Polymerization: Will not occur under normal use and storage conditions.

Decomposition: May emit fumes of carbon monoxide and carbon dioxide.

Section 11: Toxicological Information

Sensitization: (effects of repeated exposure) No

Carcinogenicity: (risk of cancer) No

Teratogenicity: (risk of malformation in an unborn fetus) No

Reproductive Toxicity: (risk of sterility) No

Mutagenicity: (risk of heritable genetic effects) No

Lethal Exposure Concentrations:	Ingestion (LD50):	Inhalation (LC50):	Skin (LD50):	Inhalation (TCLo):
Glycol Ether DB	5660 mg/kg Rat	N/A	2700 mg/kg Rabbit	5 mg/m ³ /24H/17w Rat
Modified Rosin	N/A	N/A	N/A	N/A

Section 12: Ecological Information

General Information:

Volatile Organic Compounds, % by weight: 0%
Volatile Organic Compounds, grams per litre: 0 g/l

Section 13: Disposal Information

General Information: Dispose of in accordance with all local, provincial, state, and federal regulations. Water runoff can cause environmental damage.

Section 14: Transportation Information

Ground:

Not Regulated

Air:

Not Regulated

Sea:

Not Regulated

Section 15: Regulatory Information

CANADA

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all of the information required by the Controlled Products Regulations. DSL

All ingredients in this product are listed on the Domestic Substances List

Health Canada

Products produced by MG Chemicals intended for retail display conform to the Canadian Consumer Labeling regulations.

Industry and Science Canada

MG Labels products intended for the workplace to conform to WHMIS labeling regulations. Product identification, net quantity declaration, minimum printing type size heights, and packaging of this product are in compliance.

WHMIS

This product belongs to the following categories: **N/A**

CAA (Clean Air Act, USA)

This product does not contain any class 1-ozone depletors.

This product does not contain any class 2-ozone depletors.

This product does not contain any chemicals listed as hazardous air pollutants.

USA

SARA (Superfund Amendments and Reauthorization Act of 1986, USA, 40CFR 372.4)

None of the chemicals in this product have a reportable quantity.

EPCRA (Emergency Planning and Right to Know Act, USA, 40 CFR 372.45)

This product does not contain any chemicals subject to the reporting requirements of section 313 Title III of the SARA of 1986 and 40 CFR part 372.

TSCA (Toxic Substances Control Act of 1976, USA)

All substances are TSCA listed.