

MATERIAL SAFETY DATA SHEET

SECTION I CHEMICAL PRODUCT AND COMPANY INFORMATION

Product Identifier: PASTE WAX
General Use: Release Agent to Make Counter off a Brass and/or Copper Engraved Die
Company: UEI Systems®, a UEI Group Company
Address/Phone: 9090 Nieman Road
 Overland Park, KS 66214
 800-221-9059 913/541-0503
Emergency Contact Number: CHEMTREC – Available 24/7
 Domestic North America: (800) 424-9300
 International: (703) 527-3887

SECTION II COMPOSITION / INFORMATION ON INGREDIENTS

<u>Chemical Name</u>	<u>Cas No.</u>	<u>%</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Stoddard solvent	8052-41-3	60-100		
Paraffin Waxes and Hydrocarbon Waxes	8002-74-2	10-30		
1,2,4-Trimethylbenzene	95-63-6	1-5		

SECTION III HAZARD IDENTIFICATION

Appearance / Odor: opaque / solid / solvent
Immediate Concerns: Danger: Flammable
 Keep away from heat, sparks and flame. Avoid contact with skin, eyes and clothing.
Potential Health Effects:
Eyes: No adverse effects expected when used as directed.
Skin: Prolonged or repeated contact may dry skin and cause irritation.
Inhalation: Excessive exposures may affect human health, as follows: Causes headache, drowsiness or other effects to the central nervous system.
Ingestion: Causes headache, drowsiness or other effects to the central nervous system.
Aggravated Medical Condition: None known.

SECTION IV FIRST AID MEASURES

Eye contact: Rinse with plenty of water
Skin contact: Wash off with soap and water.
Inhalation: Remove to fresh air. If breathing is affected, get medical attention.
Ingestion: If swallowed, DO NOT induce vomiting unless directed to do so by medical personnel. Drink 1 or 2 glasses of water. Never give anything by mouth to an unconscious person. Get medical attention immediately.

SECTION V FIRE FIGHTING MEASURES

Suitable extinguishing media: Alcohol foam, carbon dioxide, dry chemical, water fog
Specific hazards during firefighting: Material may burn in heat of fire.

Further information: Cool and use caution when approaching or handling fire exposed containers. Wear full protective clothing and positive pressure self-contained breathing apparatus. Fight fire from maximum distance or protected area.

Flash point: 88 °F Method: Tag Closed Cup (TCC)

Flammable limits: Not established

Lower explosion limit: Note: no data available Upper explosion limit : Note: no data available

SECTION VI ACCIDENTAL RELEASE MEASURES

Personal precautions: Remove all sources of ignition.

Environmental precautions: Use appropriate containment to avoid environmental contamination.

Methods for cleaning up: Dike large spills. Soak up with inert absorbent material. Sweep up and shovel into suitable containers for disposal.

SECTION VII HANDLING AND STORAGE

Handling:

Advice on safe handling: KEEP OUT OF REACH OF CHILDREN AND PETS. Use only as directed.

Advice on protection against fire and explosion: Use only as directed. Keep away from heat and sources of ignition. Take measures to prevent the buildup of electrostatic charge. To avoid ignition of vapors by static electricity discharge, all metal parts of the equipment must be grounded.

Storage:

Requirements for storage areas and containers: Keep container closed when not in use. Keep in a dry, cool and well-ventilated place.

SECTION VIII EXPOSURE CONTROLS AND PERSONAL PROTECTION

Occupational Exposure Limits:	Components	CAS-No.	Mg/m3	Ppm	Basis
	Stoddard solvent	8052-41-3	-	100 ppm	ACGIH TWA
	Stoddard solvent	8052-41-3	2,900 mg/m3	500 ppm	OSHA TWA
	Paraffin waxes and Hydrocarbon waxes	8002-74-2	2 mg/m3	-	ACGIH TWA
	1,2,4-Trimethylbenzene	95-63-6	-	25ppm	ACGIH TWA

Personal protective equipment:

Respiratory protection
 Industrial setting: Substantial amounts of mist/vapors can be controlled with local exhaust ventilation or respiratory protection.
 Household setting: No personal respiratory protective equipment normally required.

Hand protection
 Industrial setting: For prolonged or repeated contact use protective gloves.
 Household setting: not required under normal use

Eye protection
 Industrial setting: If prolonged or repeated contact is possible: Safety glasses with side-shields
 Household setting: No special requirements.

Hygiene measures: Use only with adequate ventilation.
 Wash thoroughly after handling. Wear suitable protective clothing.

SECTION IX PHYSICAL AND CHEMICAL PROPERTIES

Form: Solid

Color:	Opaque
Odor:	Solvent
pH:	Not applicable
Boiling point:	No data available
Freezing point:	Not applicable
Flash point:	88 °F
	Method: Tag Closed Cup (TCC)
Evaporation rate:	No data available
Flammability: (solid/gas)	No data available
Autoignition temperature:	No data available
Lower explosion limit:	No data available
Upper explosion limit:	No data available
Vapor pressure:	No data available
Density:	6.52 g/cm ³ at 25 °C
Water solubility:	Negligible
Partition coefficient: noctanol/water:	No data available
Viscosity, dynamic:	Not applicable
Viscosity, kinematic:	Not applicable
Volatile Organic Compounds (California Air Resource Board – CARB) Total VOC (wt. %)	83.2% - does not include any applicable regulatory exemptions

SECTION X

STABILITY AND REACTIVITY

Conditions to avoid:	Heat, flames and sparks
Materials to avoid:	Do not mix with oxidizing agents
Hazardous decomposition products:	Thermal decomposition can lead to release of irritating gases and vapors
Hazardous reactions:	Stable

SECTION XI

TOXICOLOGICAL INFORMATION

Acute oral toxicity:	LD50 estimated >5,000 mg/kg
Acute inhalation toxicity:	No data available
Acute dermal toxicity:	No adverse effects expected when used as directed
Chronic effects:	
Carcinogenicity:	No data available
Mutagenicity:	No data available
Reproductive effects:	No data available
Teratogenicity:	No data available
Sensitisation:	Not known to be a sensitizer

SECTION XII

ECOLOGICAL INFORMATION

Ecotoxicity effects:	No data available
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SECTION XIII

DISPOSAL INFORMATION

Industrial setting:	Observe all applicable Federal, Provincial and State regulations and Local/Municipal ordinances regarding disposal.
Household setting:	Consumer may discard empty container in trash, or recycle where facilities exist.

SECTION XIV

TRANSPORT INFORMATION

Land Transport	U.S. DOT and Canadian TDG Surface Transportation:
UN-Number:	1325
Proper shipping name:	Flammable Solid, Organic, N.O.S.
Class:	4.1
Packaging group:	II
Sea Transport	IMDG:
Class:	4.1
Packaging group:	II
Proper shipping name:	Flammable Solid, Organic, N.O.S.
UN-Number:	1325

Air Transport

Class:
Packaging group:
Proper shipping name:
UN-Number:

ICAO/IATA:

4.1
II
Flammable Solid, Organic, N.O.S.
1325

SECTION XV**REGULATORY INFORMATION**

Notification status:

All ingredients of this product are listed or are excluded from listing on the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

California Prop. 65:

This product is not subject to the reporting requirements under California's Proposition 65.

SECTION XVI**OTHER INFORMATION****HMIS Ratings**

Health 1
Flammability 3
Reactivity 0

NFPA Ratings

Health 1
Fire 3
Reactivity 0
Special

Further information

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