

Section 1 Chemical Product and Company Identification

Product Identifier	Paste Wax
Product Number	IS-PRO4156
General Use	Used in counter-making to prevent the epoxy from sticking to the engraved die
Company Address	UEI Systems®, a UEI Group Company 9090 Nieman Road Overland Park, KS 66214 USA
Phone	+1 800 221 9059 or +1 913 541 0503
Emergency Contact Number	CHEMTEL – Available 24 hours/day, 7 days/week Domestic North America: +1 800 255 3924 International: +1 813 248 0585

Section 2 Hazards Identification

GHS Classification

Hazard Class	Hazard Category	Route of Exposure
Carcinogenicity	2	–
Specific to Target Organ Toxicity Repeated (Repeated Exposure)	1	–

GHS Labeling



Danger

Hazard Statements	Suspected of causing cancer Causes damage to organs through prolonged or repeated exposure
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Precautionary Statements	If medical advice is needed, have product container or label at hand Keep out of reach of children Read label before use Get medical advice/ attention if you feel unwell If exposed or concerned, get medical attention Obtain special instructions before use Do not handle until all safety precautions have been read and understood Use personal protective equipment as required Do not breathe spray Wash hands thoroughly after handling Do not eat, drink or smoke when using this product
Storage	Store locked up
Disposal	Dispose of contents/container in accordance with local/regional/national/international regulations

Section 3 Hazardous Ingredients / Identity Information

Hazardous Components	CAS No.	%	OSHA (PEL/TWA)	ACGIH TLV
Stoddard solvent	8052-41-3	60–100	–	–
Paraffin waxes and Hydrocarbon waxes	8002-74-2	10–30	–	–
Ethyl Benzene	100-41-4	0.10–1.00	–	–
Naphthalene	91-20-3	0.10–1.00	–	–
Cumene	98-82-8	0.10–1.00	–	–

The specific chemical identity and/or exact percentage (concentration) of this composition has been withheld as a trade secret.

Section 4 First Aid Measures

Ingestion	No special requirements
Inhalation	No special requirements
Eye Contact	No special requirements
Skin Contact	No special requirements

Section 5 Firefighting Measures

Flammable/Combustible Properties	No data available
Fire/Explosion	No data available
Extinguishing Media	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide
Firefighting Equipment/Instructions	Fight fire with normal precautions from a reasonable distance. Standard procedure for chemical fires. Wear full protective clothing and positive pressure self-contained breathing apparatus.

Section 6 Accidental Release Measures

Personal Precautions	Obtain special instructions before use Wear personal protective equipment Wash thoroughly after handling
Environmental Precautions	Outside of normal use, avoid release to the environment
Methods for Cleaning Up	Sweep up and shovel into suitable containers for disposal Clean residue from spill site

Section 7 Handling and Storage

Handling Precautions	Avoid contact with skin and eyes. For personal protection see section 8. Use only as directed Keep Out Of Reach Of Children And Pets Do not handle until all safety precautions have been read and understood Do not eat, drink or smoke when using this product. Wash thoroughly after handling
Storage Requirements	Normal measures for preventive fire protection

Section 8		Component Exposure Limits		
Occupation Exposure Limits	Chemical Name	CAS No.	ACGIH TWA	OSHA (PEL/TWA)
	Stoddard solvent	8052-41-3	100 ppm	2,900 mg/m ³ 500 ppm
	Paraffin waxes and hydrocarbon waxes	8002-74-2	–	2 mg/m ³ –
	Ethyl Benzene	100-41-4	20 ppm	435 mg/m ³ –
	Naphthalene	91-20-3	10 ppm	50 mg/m ³ 10 ppm
	Cumene	98-82-8	50 ppm	245 mg/m ³ 50 ppm
Components with Workplace Control Parameters	Contains no substances with occupational exposure limit values			
Respiratory Protection	No special requirements			
Hand Protection	No special requirements			
Eye Protection	No special requirements			
Skin Protection	No special requirements			
Hygiene measures	Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly after handling.			

Section 9		Physical and Chemical Properties		
Odor Threshold	No data available	pH	No data available	
Melting Point	No data available	Boiling Point	No data available	
Flash Point	87.98°F (31.° C)	Evaporation Rate	No data available	
Flammability Class	No data available	Upper/Lower Flammability Limit	No data available	
Vapor Pressure	No data available	Vapor Density	No data available	
Relative Density	6.52 g/cm ³ at 77° F (25° C)	Solubility (H ₂ O)	Negligible	
Octanol/H ₂ O Coefficient	No data available	Auto Ignition	No data available	
Decomposition Temperature	No data available	Viscosity	No data available	
Oxidizing Properties	No data available	VOC (total wt.%)	80	

Section 10		Chemical Stability and Reactivity	
Stability	Stable		
Conditions to Avoid	Direct sources of heat		
Incompatibility	No data available		
Hazardous Decomposition/ By-Products	Thermal decomposition can lead to release of irritating gases and vapors		
Hazardous Polymerization	Will not occur		

Section 11 Toxicological Information

Emergency Overview	Danger
Acute Oral Toxicity LD50	estimated >5,000 mg/kg
Acute Inhalation Toxicity	No data available
Acute Dermal Toxicity	No data available
Skin Corrosion/Irritation	No data available
Skin Sensitization	No data available
Respiratory Sensitization	No data available
Germ Cell Mutagenicity	No data available
Carcinogenicity	Category 2
Reproductive Toxicity	No data available
Specific Target Organ Toxicity Single Exposure	No data available
Specific Target Organ Toxicity Repeated Exposure	Category 1
Target Organs	Central nervous system

Section 12 Ecological Information

Toxicity The ingredients in this formula have been reviewed and no adverse impact to the environment is expected when used according to label directions

Toxicity to Fish

Component	Species	Exposure Time	LC50/EC50/IC50
Paraffin waxes and Hydrocarbon waxes (8002-74-2)	fish	–	LC50 >100 mg/l
	<i>Daphnid</i>	–	EC50 >10,000 mg/l
	<i>Daphnia</i>	–	NOEC 10 mg/l
	Algae	–	NOEC >100 mg/l
Ethyl Benzene (100-41-4)	<i>Oncorhynchus mykiss</i> (rainbow trout)	96 hrs	Semi static LC50 4.2 mg/l
	<i>Daphnia magna</i> (Water flea)	48 hrs	EC50 1.8 mg/l
	<i>Pseudokirchneriella subcapitata</i>	72 hrs	Static EC50 2.6–11.3 mg/l
	<i>Ceriodaphnia dubia</i>	7 days	NOEC 1 mg/l
Naphthalene (91-20-3)	<i>Oncorhynchus mykiss</i> (rainbow trout)	96 hrs	Static LC50 0.91–2.82 mg/l
	<i>Daphnia magna</i> (Water flea)	48 hrs	Static EC50 1.09–3.4 mg/l
Cumene (98-82-8)	<i>Oncorhynchus mykiss</i> (rainbow trout)	96 hrs	LC50 4.2–5.5 mg/l

Persistence/Degradability Stoddard solvent: No data available
 Paraffin waxes and hydrocarbon waxes: Not readily biodegradable
 Ethyl benzene: 70–80% readily biodegradable in 28 days
 Naphthalene: No data available
 Cumene: No data available

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Bioaccumulative Potential	Stoddard solvent: No data available Paraffin waxes and hydrocarbon waxes: No data available Ethyl benzene: BCF 1, Partition coefficient n-octanol/water (log) 3.6 Naphthalene: No data available Cumene: No data available
Mobility in Soil	Ethyl benzene: log Koc (estimated) = 1331 Naphthalene: log Koc = 884
PBT and vPvB Assessment	Paraffin waxes and hydrocarbon waxes: Not fulfilling PBT and vPvB criteria

Section 13 Disposal Considerations

Disposal Instructions	Dispose in accordance with federal, state, provincial, and local regulations. Regulations may also apply to empty containers. The responsibility for proper waste disposal lies with the owner of the waste.
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Section 14 Transportation Information

DOT (US)		IMDG		IATA	
UN number	1325	UN number	1325	UN number	1325
Class	4.1	Class	4.1	Class	4.1
Packing group	II	Packing group	II	Packing group	II
Proper shipping name		EMS-No	F-A, S-F	Proper shipping name	
UN 1325 Flammable Solid, Organic, N.O.S., 4.1, II		Proper shipping name		UN 1325 Flammable Solid, Organic, N.O.S., 4.1, II	
Reportable Quantity (RQ)	–	UN 1325 Flammable Solid, Organic, N.O.S., 4.1, II			

Section 15 Regulatory Information

Component Analysis – State

SARA 302 Components

SARA 302 No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components

SARA 313 This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

SARA 311/312 Hazards

Acute Health Hazard

California Prop 65

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

Section 16

Other Information

UEI Systems® provides the information contained herein in good faith. It is believed to be correct. However it is not all-inclusive and should be used only as a guide. Individuals receiving this information must exercise their independent judgement in determining its appropriateness for a particular purpose. UEI Systems shall not be held liable for any damage resulting from handling or from contact with this product. All information appearing herein is based upon data obtained from the manufacturer and/or recognized technical sources.

Abbreviations **PEL** Permissible Exposure Limit
 TLV Threshold Limit Value

End Notes

1. SARA - Signed into law in 1986, the Superfund Amendments and Reauthorization Act (SARA) is an extension of CERCLA, and is intended to encourage and support local and state emergency planning efforts. SARA provides citizens and local governments with information about potential chemical hazards, and calls for facilities that store hazardous materials to provide officials and citizens with data on the type and amount on hand at specific locations. This field states whether a material is listed or not listed in section 372.65 of SARA. EHS - This states if a material is listed or not listed in Appendix B to part 355, the SARA Extremely Hazardous Substances (EHS) section. RQ is the reportable quantity. TPQ is the Threshold Planning Quantity.
2. RCRA - The Resource Conservation and Recovery Act enacted in 1976 and subsequently amended, controls solid-waste disposal and encourages recycling. This states whether a material is listed or not listed under this regulation. If listed the Hazardous Waste Number and waste characterization assigned by RCRA is also provided.
3. CERCLA - Enacted in 1980 and amended thereafter, the Comprehensive Environmental Response, Compensation, and Liability Act provides for identification and cleanup of hazardous materials released on land, into the air, waterways, and groundwater. It covers areas affected by newly released materials and older leaking or abandoned dump sites. This states whether a material is listed or not listed in CERCLA Table 302.4. If listed the section(s) that it is listed under and the Reportable Quantity (RQ) are also provided.
4. TSCA - The Toxic Substances Control Act controls the exposure to and use of raw industrial chemicals not subject to other laws. This states whether the chemical is listed or not listed under this regulation.

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