

**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** CHEMTREC – Available 24 hours/day, 7 days/week  
 Domestic North America: +1 800 424 9300  
 International: +1 703 527 3887

**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

**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 <b>Keep Out Of Reach Of Children And Pets</b> 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 <sup>3</sup> 500 ppm
	Paraffin waxes and hydrocarbon waxes	8002-74-2	-	2 mg/m <sup>3</sup> -
	Ethyl Benzene	100-41-4	20 ppm	435 mg/m <sup>3</sup> -
	Naphthalene	91-20-3	10 ppm	50 mg/m <sup>3</sup> 10 ppm
	Cumene	98-82-8	50 ppm	245 mg/m <sup>3</sup> 50 ppm

<b>Components with Workplace Control Parameters</b>	Contains no substances with occupational exposure limit values
<b>Respiratory Protection</b>	No special requirements
<b>Hand Protection</b>	No special requirements
<b>Eye Protection</b>	No special requirements
<b>Skin Protection</b>	No special requirements
<b>Hygiene measures</b>	Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly after handling.

**Section 9 Physical and Chemical Properties**

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

**Section 10 Chemical Stability and Reactivity**

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

**Section 11 Toxicological Information**

<b>Emergency Overview</b>	Danger
<b>Acute Oral Toxicity LD50</b>	estimated >5,000 mg/kg
<b>Acute Inhalation Toxicity</b>	No data available
<b>Acute Dermal Toxicity</b>	No data available
<b>Skin Corrosion/Irritation</b>	No data available
<b>Skin Sensitization</b>	No data available
<b>Respiratory Sensitization</b>	No data available
<b>Germ Cell Mutagenicity</b>	No data available
<b>Carcinogenicity</b>	Category 2
<b>Reproductive Toxicity</b>	No data available
<b>Specific Target Organ Toxicity Single Exposure</b>	No data available
<b>Specific Target Organ Toxicity Repeated Exposure</b>	Category 1
<b>Target Organs</b>	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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<b>Bioaccumulative Potential</b>	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
<b>Mobility in Soil</b>	Ethyl benzene: log Koc (estimated) = 1331 Naphthalene: log Koc = 884
<b>PBT and vPvB Assessment</b>	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.

### 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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