

Section 1 Chemical Product and Company Identification

Product Identifier	Polyurethane
General Use	Makeready material for hot foil stamping
Company Address:	Infinity Foils, Inc. – A UEI Group Company 9090 Nieman Road Overland Park, KS 66214
Phone	+1 913 888 7340 or +1 877 932 3645 (US Only)
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

Not a dangerous substance according to GHS

Section 3 Hazardous Ingredients / Identity Information

Chemical Name	CAS No.	%	OSHA PEL/TWA	ACGIH TLV
Polyurethane	None	100	NA	NA

Section 4 First Aid Measures

Inhalation	Not applicable
Ingestion	Not applicable
Eye Contact	Not applicable
Skin Contact	Not applicable

Section 5 Firefighting Measures

Extinguishing Media	Unused form: water, chemical foam, dry chemical or carbon dioxide. Used form: that which is compatible to liquid(s) absorbed..
Flammable/Combustible Properties	Burning will produce irritating vapors and smoke, carbon monoxide, hydrogen halide, and other decomposition products. Like all organic materials, thermoplastic polyurethane can be forced to burn by continuous application of intense heat or flame.
Fire/Explosion	Not flammable. Product is not explosive.
Firefighting Equipment/Instructions	Unused form: Not applicable. Used form: Wear a self-contained breathing apparatus and refer to absorbed liquid(s) SDS.

Section 6 Accidental Release Measures

Methods for Cleaning Up	If material is unused, sweep or shovel product and dispose of as a non-hazardous material.
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Section 7 Handling and Storage

Handling	None
Storage	Store in a dry, cool and well-ventilated place. Store away from incompatible materials.

Section 8 Component Exposure Limits

Appropriate Engineering Controls	Not applicable
Personal Hand Protection	Not normally required. However, use of cloth, canvas or leather gloves is a good industrial practice.
Eye Protection	Not applicable
Respiratory Protection	Not required

Section 9 Physical and Chemical Properties

Color:	Black	Odor:	Nearly odorless
Odor Threshold:	Not applicable	Physical State:	Roll
pH:	Not applicable	Melting Point:	Approximately 570–660°F (300–350°C)
Freezing Point:	No data available	Boiling Point:	Not applicable
Flash Point:	Not applicable	Evaporation Rate:	Not applicable
Flammability (Solid):	No data available	Flammability Limit – Upper (%):	No data available
Flammability Limit – Lower (%):	No data available	Vapor Pressure:	Not applicable
Vapor Density (Air = 1):	Not applicable	Specific Gravity:	No data available
Solubility in Water:	2.5–4% total extractables	Solubility (Other):	Not applicable
Autoignition Temperature:	No data available	Decomposition Temperature:	No data available
Partition Coefficient (n-Octanol/water):	No data available		

Section 10 Chemical Stability and Reactivity

Stability	Stable under normal temperature conditions and recommended use
Conditions to Avoid	Temperatures over 275° F (135°C) for extended periods of time
Incompatible Materials	Strong oxidizing agents. Product may be affected by acids and bases.
Hazardous Decomposition	Decomposition products may include smoke plus a variety of hydrocarbons, unsaturated hydrocarbons, aldehydes, acids, aromatics, carbon dioxide, carbon monoxide, hydrogen cyanide, nitrogen oxides and some hydrogen halides.
Hazardous Polymerization	Will not occur

Section 11 Toxicological Information

LD50 and LC50 Data	Not available
Carcinogenicity	IARC: Not established National Toxicology Program: Not established OSHA: Not established California Prop 65: No listed ingredient
Reproduction Toxicity	Not available
Teratogenicity	Not available
Mutagenicity	Not available
Synergistic Products	Not available
Irritancy of Product	See Section 2
Sensitization to Product	Not available

Section 12 Ecological Information

No data available

Section 13 Disposal Considerations

Disposal Instructions If unused, no special precautions are necessary. 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

The material is not regulated under DOT provisions.

Section 15 Regulatory Information

U.S. TSCA Inventory 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.

Canada DSL Inventory Status All ingredients of this product are listed or are excluded from listing on the Domestic Substances List (DSL), the Non-Domestic Substances List (NDSL) or exempt.

CERCLA/SARA Section 302 Not listed

SARA (311, 312) Hazard Class Not listed

CERCLA/SARA Section 313 Not listed

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

WHMIS Hazard Classification Not listed

Section 16 Other Information

Infinity Foils, Inc. 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. Infinity Foils, Inc. 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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