

**Section 1 Chemical Product and Company Identification**

**Product Identifier** MRY Series Hot Stamping Foil  
**General Use** Hot stamping metallic foil  
**Company:** Infinity Foils, Inc. – A UEI Group Company  
**Address:** 9090 Nieman Road  
 Overland Park, KS 66214  
**Phone:** +1 913 888 7340 or +1 877 932 3645 (US Only)  
**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**

During normal operation and usage, this solid material article does not present inhalation, ingestion, or chemical hazards.

When this article is machined or otherwise modified by the user, dusts may be created in quantities substantial enough to affect the functionality of machines and equipment and may be potentially hazardous if the exposure limits described in Section 8 are exceeded.

**Section 3 Hazardous Ingredients / Identity Information**

Where present, listed constituents exist as a solid.

Chemical Name	CAS No.	%
Polyethylene terephthalate	25038-59-9	77 – 89
Aluminum	7429-90-5	≤1
Melamine resin		≤4
Nitrocellulose	9004-70-0	≤1
Olefin resin	9004-70-0	≤1
Phenol resin		≤7
Rosin resin		≤3
Rubber resin		≤2
Terpene resin		≤3
SiO <sub>2</sub>	7631-86-9	≤1
Ketone resin		≤7
Vinyl resin		≤5
Acryl resin		≤4
Urethane resin		≤2
The others		≤3

**Section 4 First Aid Measures**

- Inhalation** If breathing has stopped, perform artificial respiration and obtain medical aid immediately. If persistent irritation, severe coughing, or breathing is difficult, provide fresh air and seek medical attention as soon as possible.
- Ingestion** If the product or dust is swallowed, seek immediate medical attention or advice. Do not induce vomiting.
- Eye Contact** Eye injuries from solid particles should receive immediate medical attention. Dust may be flushed from eyes immediately with large amounts of water, lifting the lower and upper lids occasionally. Seek medical attention.
- Skin Contact** Cuts or abrasions should be treated promptly with thorough cleansing of the affected area. Wash the skin using soap or mild detergent and water. Get medical attention if irritation or dermatitis develops and persists.

**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** Product in solid form may be picked up by hand or other means to be placed into a container.
- Environmental Precautions** Should waste disposal be deemed necessary, follow Federal, State, or Local regulations.
- Methods for Cleaning Up** Do not use compressed air for cleaning.

**Section 7 Handling and Storage**

This product does not require special safety precautions for handling. Operations such as grinding, cutting, sanding and shearing may generate dusts or fumes which may require special handling procedures.

**Section 8 Component Exposure Limits**

- Appropriate Engineering Controls** When machining, use adequate local (preferably) or general exhaust ventilation to ensure that concentrations of dusts or fumes do not exceed exposure limits. Keep workplace clean and dry. Train personnel to minimize exposure to hazards during installation and replacement of product. On a regular basis, verify condition and proper function of equipment in which the product will be installed.
- Personal Respiratory Protection** Not required
- Personal Hand Protection** Wear appropriate gloves for periods of longer exposure or to protect against physical hazards.
- Eye Protection** Always wear safety glasses with side shields
- Skin Protection** Not required

## Section 9 Physical and Chemical Properties

<b>Appearance/Odor</b>	Sheet-shaped solid, color may vary	<b>Odor Threshold</b>	No data
<b>pH</b>	No data	<b>Boiling Point</b>	No data
<b>Melting Point</b>	496 – 500° F (258–260° C)	<b>Solubility (H<sub>2</sub>O)</b>	Insoluble in water
<b>Specific Gravity</b>	1.4 g/cm <sup>3</sup> 68° F (20° C)	<b>Density</b>	No data
<b>Octanol/H<sub>2</sub>O Coefficient</b>	No data	<b>Evaporation Rate</b>	Not volatile
<b>Molecular Weight</b>	No data	<b>Decomposition Temperature</b>	No data
<b>Auto Ignition</b>	No data	<b>Lower Flammability Limit</b>	No data
<b>Flash Point</b>	No data	<b>Upper Flammability Limit</b>	No data
<b>Vapor Density</b>	No data	<b>Vapor Pressure</b>	No data
<b>VOC</b>	No data	<b>Flammability Class</b>	Flammable if contacted with fire
<b>Viscosity</b>	No data		

## Section 10 Chemical Stability and Reactivity

<b>Stability</b>	Stable under normal handling conditions
<b>Incompatibility</b>	Oxidizers, strong acids and bases
<b>Hazardous Decomposition/ By-Products</b>	Oxides of carbon and nitrogen, phenol, and formaldehyde if heated in excess of 570°F (300°C)
<b>Hazardous Polymerization</b>	Contact of dust with strong oxidizers may cause fire or explosion.

## Section 11 Toxicological Information

<b>Possible effects by routes of exposure</b>	
<b>Inhalation</b>	None
<b>Eye Contact</b>	None
<b>Skin Contact</b>	None
<b>Ingestion</b>	None
<b>Carcinogenicity</b>	None
<b>Mutagenicity</b>	None
<b>Teratogenicity</b>	None

## Section 12 Ecological Information

<b>Ecotoxicity</b>	Not biodegradable. This product is not expected to present an environmental hazard.
<b>Persistence/Degradability</b>	No Data
<b>Bioaccumulative Potential</b>	No Data
<b>Mobility in Soil</b>	No Data

## Section 13 Disposal Considerations

<b>Disposal Instructions</b>	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.
------------------------------	--

