

9090 Nieman Road • Overland Park, KS 66214 • (913) 888-7340 • Toll Free: 877-932-3645 • info@infinityfoils.com • infinityfoils.com

## Section 1 Chemical Product and Company Identification

**Product Identifier** MRA 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 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 in accordance with the OSHA Hazard Communication Standard (29 CFR 1910.1200).

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



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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
<b>Extinguishing Media</b>	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
Section 6  Personal Precautions	Accidental Release Measures  Product in solid form may be picked up by hand or other means to be placed into a container.
Personal Precautions	Product in solid form may be picked up by hand or other means to be placed into a container.
Personal Precautions Environmental Precautions	Product in solid form may be picked up by hand or other means to be placed into a container.  Should waste disposal be deemed necessary, follow Federal, State, or Local regulations.
Personal Precautions Environmental Precautions Methods for Cleaning Up	Product in solid form may be picked up by hand or other means to be placed into a container.  Should waste disposal be deemed necessary, follow Federal, State, or Local regulations.  Do not use compressed air for cleaning.
Personal Precautions Environmental Precautions Methods for Cleaning Up	Product in solid form may be picked up by hand or other means to be placed into a container.  Should waste disposal be deemed necessary, follow Federal, State, or Local regulations.  Do not use compressed air for cleaning.  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
Personal Precautions Environmental Precautions Methods for Cleaning Up Section 7	Product in solid form may be picked up by hand or other means to be placed into a container.  Should waste disposal be deemed necessary, follow Federal, State, or Local regulations.  Do not use compressed air for cleaning.  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.
Personal Precautions Environmental Precautions Methods for Cleaning Up  Section 7  Section 8	Product in solid form may be picked up by hand or other means to be placed into a container. Should waste disposal be deemed necessary, follow Federal, State, or Local regulations. Do not use compressed air for cleaning.  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.  Component Exposure Limits  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
Personal Precautions Environmental Precautions Methods for Cleaning Up  Section 7  Section 8  Appropriate Engineering Controls	Product in solid form may be picked up by hand or other means to be placed into a container. Should waste disposal be deemed necessary, follow Federal, State, or Local regulations. Do not use compressed air for cleaning.  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.  Component Exposure Limits  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 Precautions Environmental Precautions Methods for Cleaning Up  Section 7  Section 8  Appropriate Engineering Controls  Personal Respiratory Protection	Product in solid form may be picked up by hand or other means to be placed into a container. Should waste disposal be deemed necessary, follow Federal, State, or Local regulations. Do not use compressed air for cleaning.  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.  Component Exposure Limits  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.  Not required



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Specific Gravity  1.4 g/cm³ 68° F (20° C)  Octanol/H₂O Coefficient  Molecular Weight  Auto Ignition  Flash Point  Vapor Density  1.4 g/cm³ 68° F (20° C)  Density  No data  Evaporation Rate  Not volatile  No data  Decomposition Temperature  No data  Lower Flammability Limit  No data  Vapor Pressure  No data					
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Section 13 Disposal Considerations				Disposal Considerations	Section 13

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

**Disposal Instructions** 

owner of the waste.



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Section 14	Transportation Information
	The material is not regulated under DOT provisions.
Section 15	Pogulatory Information

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

or not listed under this regulation.

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

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