

# MSDS **Material Safety Data Sheet**

**Ralph Wilson Plastics Company**

MSDS Number: 19968  
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**400 Series (Decorative Metals & Metalaminates)  
and 900 Series (Metalcor)**

Revision Date: 09/30/09  
Revision No: 0 (New)

## 1 **PRODUCT AND COMPANY IDENTIFICATION**

**Common Name**      **Decorative Laminate (All 400 and 900 series Laminates)**  
**Includes:**    Type 401 – Decorative Metal  
                  Type 408 – Metalaminates  
                  Type 414 – Decorative Metal  
                  Type 416 – Decorative Metal  
                  Type 418 – Decorative Metal  
                  Type 419 – Decorative Metal  
                  Grade 953 Metalcor  
                  Grade 958 Metalcor  
                  Grade 960 Metalcor  
                  Grade 964 Metalcor  
                  Grade 965 Metalcor

**Manufacturer**      **RALPH WILSON PLASTICS COMPANY**  
                          **P. O. BOX 6110 – 2400 WILSON PLACE**  
                          **TEMPLE, TX 76503**  
**INFORMATION PHONE:      800-433-3222 (USA)**

**Trade Name**      **Decorative Metals, Metalaminates, & Metalcor**  
                          **(All 400 and 900 series products)**

**Material Uses**      **Decorative Laminate**

**In Case of Emergency Contact CHEMTREC:    800-424-9300 (USA)**  
  **703-527-3887 (INTERNATIONAL)**

## 2 **HAZARDS IDENTIFICATION**

**This product is by definition an 'Article' and is not considered to be hazardous as sold under OSHA Hazard Communication Standard (29 CFR 1900.1200).**

**WARNING! THIS PRODUCT MAY FORM COMBUSTIBLE DUST DURING PROCESSING.**

**Route of Entry:** None for product as sold. For dust or chips generated during fabrication operations: eye contact, skin contact, and inhalation.

**Target Organs:** None

**Inhalation:** No hazard for product as sold. Fabrication operations such as milling, cutting, grinding, etc., may produce dust or fines that may be irritating.

**Skin Contact:** Solid sheet may be abrasive to, or cut skin. Fabrication operations such as milling, cutting, grinding, etc., may produce dust or fines that may be irritating.

**Eye Contact:** No hazard for product as sold. Fabrication operations such as milling, cutting, grinding, etc., may produce dust or fines that may be irritating.

**Ingestion:** Not an expected route of entry.

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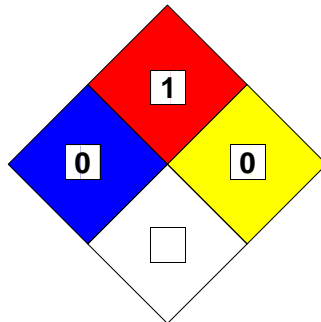
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HMIS (United States):	
HEALTH	0
FLAMMABILITY	1
REACTIVITY	0
PPE	B

NFPA (United States):

WHMIS (Canada): Not classified as hazardous



### 3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	CAS #	% by Weight
Aluminum Alloy	Not Available	0 – 95
Stainless Steel Alloy	Not Available	0 – 95
Polyethylene	9002-88-4	0 – 80
Cellulose	9004-34-6	0 – 60
Formaldehyde Resins	Not Applicable	0 – 50
Styrene Acrylic Copolymer	Not Applicable	< 0.1

### 4 FIRST AID MEASURES

**Inhalation:** No hazard for product as sold. Fabrication operations such as milling, cutting, grinding, etc., may produce dust or fines that may be irritating to the respiratory tract. If irritation persists, seek medical attention.

**Skin Contact:** Solid sheet may be abrasive to, or cut skin. Fabrication operations such as milling, cutting, grinding, etc., may produce dust or fines that may be irritating. May aggravate existing skin conditions. Wash with soap and water. If irritation persists, seek medical attention.

**Eye Contact:** No hazard for product as sold. Fabrication operations such as milling, cutting, grinding, etc., may produce dust or fines that may be irritating to the eyes. Rinse eyes with water for 15 minutes. If irritation persists, seek medical attention.

**Ingestion:** Not an expected route of entry with normal product use.

### 5 FIRE FIGHTING MEASURES

**Flash Point:** Not Applicable.

**Flash Point Method:** Not Applicable.

**Autoignition Temperature:** Not Available.

**Burning Rate:** Not Available.

**Fire and Explosion Hazard:** No hazard for product as sold. Fabrication operations such as milling, cutting, grinding, etc., may produce dust. Fine dust dispersed in the air in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard.

**Firefighting Equipment:** Use extinguishing media appropriate for surrounding fire. Use self-contained breathing apparatus and protective clothing appropriate for surrounding fire.

**Hazardous Products of Combustion:** Carbon oxides (CO and CO<sub>2</sub>).

### 6 ACCIDENTAL RELEASE MEASURES

**Small Spill or Leak:** Not Applicable.

**Large Spill or Leak:** Not Applicable.

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Dust deposits should not be allowed to accumulate on surfaces, as these may form an explosive mixture if they are released into the atmosphere in sufficient concentration.

## 7 HANDLING AND STORAGE

**Handling Precautions:** No specific usage precautions required. Follow normal good hygiene practices. Protect exposed skin from cuts and abrasions. Minimize dust generation and accumulation. Routine housekeeping should be instituted to ensure that dust does not accumulate on surfaces. Avoid dispersal of dust in the air (i.e., clearing dusty surfaces with compressed air).

**Storage Requirements:** Store in a dry well-ventilated area.

## 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

**Engineering Controls:** No special ventilation requirements for product as sold. Provide adequate ventilation to meet exposure guidelines if fabrication operations generate dust or fines. It is recommended that all dust control equipment such as local exhaust ventilation and material transport systems involved in handling the dust particulate of this product contain explosion relief vents or an explosion suppression system or an oxygen-deficient environment. Ensure that dust handling systems (such as exhaust ducts, dust collectors, vessels, and processing equipment) are designed in a manner to prevent the escape of dust into the work area (i.e., there is no leakage from the equipment).

**Protective Equipment:** Respirators – No specific recommendations. Respiratory protection must be used if the OSHA Permissible Exposure Limit for laminate dust (Particulate Not Otherwise Regulated – PNOR) is exceeded.

Protective Gloves – Gloves suitable for protection against cuts and abrasions from sharp edges are recommended.

Eye Protection – Wear safety glasses with side shields during fabrication operations that produce chips, fines, or dust.

### Exposure Guidelines / Other:

Product Name	Exposure Limits
Laminate Dust (Particulate Not Otherwise Regulated – PNOR)	
	OSHA PEL: TWA 5 mg/m <sup>3</sup> (respirable) TWA 15 mg/m <sup>3</sup> (total)
	ACGIH TLV: TWA 3 mg/m <sup>3</sup> (respirable) TWA 10 mg/m <sup>3</sup> (inhalable)

Exposure limits listed do not apply for product as sold, but may be applicable due to fabrication operations. Consult local authorities and regulations for exposure limits.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Solid Sheet, various colors and thicknesses

**Physical State:** Solid

**Odor:** None

**pH:** Not Applicable

**Specific Gravity / Density:** 85 - 165 lbs/ft<sup>3</sup>

**Vapor Pressure:** Not Applicable

**Boiling Point:** Not Applicable

**Freezing / Melting Point:** Not Applicable

**Solubility:** Insoluble in water

**Vapor Density:** Not Applicable

**VOC:** Not Available

## 10 STABILITY AND REACTIVITY

**Stability:** This product is stable.

**Conditions to Avoid:** None.

**Materials to Avoid (Incompatibility):** Strong Acids or Strong Alkalies may react with metal component of product to generate Hydrogen.

**Hazardous Decomposition Products:** Carbon Oxides (CO, CO<sub>2</sub>).

**Hazardous Polymerization:** Will not polymerize.

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## 11 TOXICOLOGICAL INFORMATION

**Toxicity to Animals:** This product has not been tested for animal effects. This product is not expected to be toxic to animals.

**Toxicity to Humans:** This product has not been tested for human effects. This product is not expected to be toxic to humans.

## 12 ECOLOGICAL INFORMATION

**Ecotoxicity:** Not Available. Not expected to be ecotoxic.

**BOD5 and COD:** Not Available

**Biodegradable / OECD:** Not Available

**Mobility:** Not Available

**Toxicity of the Products of Biodegradation:** Not Available

**Special Remarks on the Products of Biodegradation:** Not Available

## 13 DISPOSAL CONSIDERATIONS

Not classified as hazardous waste. Dispose of in accordance with Federal, State, and local regulations.

## 14 TRANSPORT INFORMATION

**Restrictions:** None known.

**DOT Requirements:** Not a DOT controlled material (United States).

**ADR Requirements:** Not an ADR controlled material (Europe).

**IMDG Requirements:** Not an IMDG controlled material.

**IATA Requirements:** Not an IATA controlled material.

**Marine Pollutant:** Not a marine pollutant.

## 15 REGULATORY INFORMATION

### U.S. Federal Regulations

Chemical (& CAS Number)	SARA 302 (EHS)TPQ	SARA 304 (EHS)Rq	SARA 313 <i>de minimis</i>	CERCLA Rq	CAA 112(r) TQ	RCRA Code
Aluminum-as dust (CAS 7429-90-5)			1			

All quantities in pounds

### State Regulations

Chemical (& CAS Number)	CA Prop 65	MA RTK	MN RTK	NJ RTK	PA RTK	RI RTK
Aluminum-as dust (CAS 7429-90-5)		X	X	X	X	X

This product contains the following components known to the state of California to cause cancer, and/or developmental toxicity and/or reproductive toxicity: Formaldehyde (CAS 50-00-0) in trace amounts.

### International Regulations

**DSL (Canada):** None.

**EINECS:** None.

**WHMIS:** Not classified as hazardous.

## 16 OTHER INFORMATION

**Other Information:** Refer to NFPA 654, Standard for the Prevention of Fire and Dust Explosions from the Manufacturing, Processing, and Handling of Combustible Particulate Solids, for Safe Handling.

**References:**

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Lewis, R. J., Rapid Guide to Hazardous Chemicals in the Workplace, 4<sup>th</sup> ed., Wiley-Interscience, New York, 2000.  
NIOSH Pocket Guide to Chemical Hazards, Department of Health and Human Services, National Institute for Occupational Safety and Health, 2007.  
Patty's Toxicology, 5<sup>th</sup> ed. John Wiley & Sons, Inc. 2001.  
TLVs and BEIs, Threshold Limit Values for Chemical Substances and Physical Agents & Biological Exposure Agents, ACGIH Worldwide, Cincinnati, 2007.

## **Glossary:**

ACGIH – American Conference of Governmental Industrial Hygienists  
ASTM – American Society for Testing and Materials  
ADR – Agreement on Dangerous Goods by Road (Europe)  
BOD5 – Biological Oxygen Demand in 5 days  
CAA – Clean Air Act  
CAS – Chemical Abstracts Services  
CEPA – Canadian Environmental Protection Act  
CERCLA – Comprehensive Environmental Response, Compensations and Liability Act  
CFR – Code of Federal Regulations  
CWA – Clean Water Act  
DOT – Department of Transportation  
DSCL – Dangerous Substances Classification and Labeling (Europe)  
DSL – Domestic Substance List (Canada)  
EEC/EU – European Economic Community/European Union  
EINECS – European Inventory of Existing Commercial Chemical Substances  
HCS – Hazard Communication System  
HMIS – Hazardous Material Information System  
IARC – International Agency for Research on Cancer  
LD50/LC50 – Lethal Dose/Concentration kill 50%  
LDLo/LCLo – Lowest Published Lethal Dose/Concentration  
NFPA – National Fire Prevention Association  
NIOSH – National Institute for Occupational Safety & Health  
NTP – National Toxicology Program  
OSHA – Occupational Safety & Health Administration  
PEL – Permissible Exposure Limit  
RCRA – Resource Conservation and Recovery Act  
SARA – Superfund Amendments and Reorganization Act  
STEL – Short Term Exposure Limit (15 minutes)  
TDG – Transportation of Dangerous Goods (Canada)  
TLV-TWA – Threshold Limit Value-Time Weighted Average  
TSCA – Toxic Substances Control Act  
WHMIS – Workplace Hazardous Material Information System

## **Notice to Reader**

***To the best of our knowledge, the information contained herein is accurate. However, neither the above named manufacturer nor any of its subsidiaries assumes any liability whatsoever for accuracy or completeness of the information contained herein.  
Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.***

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**END OF MSDS DOCUMENT**