

1 PRODUCT AND COMPANY IDENTIFICATION

Common Name **Wilsonart® Commercial Moldings**

Manufacturer **WILSONART FLOORING, A Division of WILSONART INTERNATIONAL, INC.**
P. O. BOX 6110 – 3301 CENTER STREET
TEMPLE, TX 76503
INFORMATION PHONE: 800-435-9109 (USA)

Trade Name **Metal Flooring Moldings**

Material Uses **Decorative Flooring Molding**

Revision # **2**

In Case of Emergency Contact:

CHEMTREC: 800-424-9300 (USA)
703-527-3887 (INTERNATIONAL)

2 HAZARDS IDENTIFICATION

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

Target Organs: None

Inhalation: None for product as sold. Fabrication operations such as milling, cutting, grinding, etc., may produce dust or chips that may be irritating or harmful if inhaled.

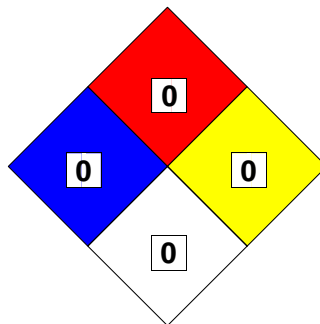
Skin Contact: Product may be abrasive to, or cut skin. Fabrication operations such as milling, cutting, grinding, etc., may produce dust or chips that may be irritating to the skin.

Eye Contact: None for product as sold. Fabrication operations such as milling, cutting, grinding, etc., may produce dust or chips that may be irritating to the eyes.

Ingestion: Not an expected route of entry.

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

NFPA (United States):



WHMIS (Canada): Not Classified as hazardous

3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	CAS#	% by Weight
Aluminum	7429-90-5	90 – 95
Chromium	7440-47-3	0.03 – 2.40
Zinc	7440-66-6	0.03 – 2.40

Silicon	7440-21-3	0.2 – 1.8
Iron	7439-89-6	0.03 – 1.00
Copper	7440-50-8	0.04 – 1.20
Magnesium	7439-95-4	0.35 – 1.50
Manganese	7439-96-5	0.03 – 1.50

4 FIRST AID MEASURES

- Inhalation:** No hazard for product as sold. Fabrication operations such as milling, cutting, grinding, etc., may produce dust or chips that may be irritating or harmful if inhaled. If irritation persists, seek medical attention.
- Skin Contact:** Solid pieces (sheets, strips, etc.) may be abrasive to or cut skin. Fabrication operations such as milling, cutting, grinding, etc., may produce dust or chips that may be irritating or harmful to skin. 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 chips that may be irritating or harmful to eyes. For dust, flush eyes with water for 15 minutes. If irritation persists, seek medical attention.
- Ingestion:** Not an expected route of entry with normal use of product.

5 FIRE FIGHTING MEASURES

- Flash Point:** Not Applicable.
- Flash Point Method:** Not Applicable.
- Autoignition Temp.:** Not Applicable.
- Burning Rate:** Not Applicable.

Use extinguishing media appropriate for surrounding fire. Wear fire protective equipment appropriate for the surrounding fire.

Hazardous products of combustion include and carbon oxides (CO and CO₂).

Unusual Fire and Explosion Hazards

Material is not flammable.

Product as sold does not present an explosion hazard.

6 ACCIDENTAL RELEASE MEASURES

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

7 HANDLING AND STORAGE

Handling Precautions: No specific usage precautions required. Follow normal good hygiene practices. Protect exposed skin from cuts and abrasions.

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 guideline if installation operations generate dust or chips.

Protective Equipment: Wear safety glasses with side shields during installation operations that may produce dust or chips. Wear gloves to protect skin from cuts and abrasions.

Exposure Guidelines / Other:

Product Name	Exposure Limits
Aluminum	OSHA PEL: TWA 10 mg/m ³ total TWA 5 mg/m ³ respirable
Chromium	ACGIH TLV: TWA 10 mg/m ³ OSHA PEL: TWA 1 mg/m ³
Copper	ACGIH TLV: TWA 0.5 mg/m ³ OSHA PEL: TWA 1 mg/m ³
Iron	ACGIH TLV: TWA 1 mg/m ³ OSHA PEL: TWA 10 mg/m ³
Manganese	OSHA PEL: Ceiling 5 mg/m ³ ACGIH TLV: TWA 0.2 mg/m ³
Silicon	OSHA PEL: TWA 15 mg/m ³ total TWA 5 mg/m ³ respirable

Exposure limits listed above do not apply to product as sold. However, these limits may apply to dust and particulate generated during fabrication process.

Consult local authorities and regulations for exposure limits.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Solid strips of various decorative colors and patterns	Boiling Point:	Not Applicable
Physical State:	Solid	Freezing / Melting point:	Not Applicable
Odor:	None	Solubility:	Not Soluble
pH:	Not Applicable	Specific Gravity / Density:	Not Available
Vapor Pressure:	Not Applicable	VOC:	Not Applicable
Vapor Density:	Not Applicable		

10 STABILITY AND REACTIVITY

Stability:	Product is stable as supplied.
Conditions to Avoid:	None.
Materials to Avoid (incompatibility):	None.
Hazardous Decomposition Products:	Carbon oxides (CO and CO ₂) along with Aluminum, Silicon, Iron, Copper, Magnesium, Manganese, Zinc, & Chromium Oxides.
Hazardous Polymerization:	Will not polymerize.

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

Base metal is aluminum, which can be recycled.
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 expected to be a marine pollutant.

15 REGULATORY INFORMATION

U.S. Federal Regulations

TSCA inventory: The chemicals in this product are listed.

CERCLA: Chromium, Copper, Manganese, Zinc.

SARA 302/304/322/312 Extremely hazardous substances: Aluminum, Chromium, Copper, Magnesium, Manganese, Silicon, Zinc.

SARA 302/304 Emergency planning and notification: None.

SARA 302/304/311/312 Hazardous chemicals: Aluminum, Chromium, Copper, Magnesium, Manganese, Silicon, Zinc.

SARA 311/312 MSDS distribution, chemical inventory, hazard identification: Aluminum, Chromium, Copper, Magnesium, Manganese, Silicon, Zinc.

SARA 313 Toxic chemical notification and release reporting: Aluminum, Chromium, Copper, Magnesium, Manganese, Silicon, Zinc.

CWA 307: None.

CWA 311: None.

CAA 112 Accidental release prevention: None.

CAA 112 Regulated flammable substances: None.

CAA 112 Regulated toxic substances: None.

International Regulations

DSL (Canada): Aluminum, Chromium, Copper, Magnesium, Manganese, Zinc.

EINECS: None.

WHIMS: Not classified as hazardous.

State Regulations

Massachusetts RTK: Aluminum, Chromium, Copper, Magnesium, Manganese, Silicon, Zinc.

Minnesota RTK: Aluminum, Chromium, Copper, Magnesium, Manganese, Silicon, Zinc.

New Jersey RTK: Aluminum, Chromium, Copper, Magnesium, Manganese, Silicon, Zinc.

Pennsylvania RTK: Aluminum, Chromium, Copper, Magnesium, Manganese, Silicon, Zinc.

Rhode Island RTK: Aluminum, Chromium, Copper, Magnesium, Manganese, Silicon, Zinc.

California Proposition 65: This product contains the following ingredient known to the state of California to cause cancer: Chromium (CAS No. 7440-47-3).

16 OTHER INFORMATION**References**

- Lewis, R. J., *Rapid Guide to Hazardous Chemicals in the Workplace*, 4th 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, 5th 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

CHEMTREC:

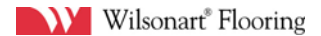
800-424-9300 (USA)

703-527-3887 (International)

Notice to Reader

MSDS Material Safety Data Sheet

Wilsonart Flooring



MSDS Number: 18323

Wilsonart® Commercial Moldings

Revision Date: 07/30/08

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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.

END OF MSDS DOCUMENT