

MSDS **Material Safety Data Sheet**

Wilsonart International



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Wilsonart® Edgeband

Revision Date: 07/02/10
Revision No: 0 (New)

1 **PRODUCT AND COMPANY IDENTIFICATION**

Common Name: Wilsonart® Edgeband

Manufacturer: WILSONART INTERNATIONAL, INC.
P. O. BOX 6110 – 2400 WILSON PLACE
TEMPLE, TX 76503
INFORMATION PHONE: 800-433-3222 (USA)

Trade Name: Wilsonart® Edgeband

Material Uses: Edgebanding

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 or chips generated during fabrication operations: eye contact, skin contact, and inhalation.

Target Organs: None.

Inhalation: Dust from product may cause respiratory irritation.

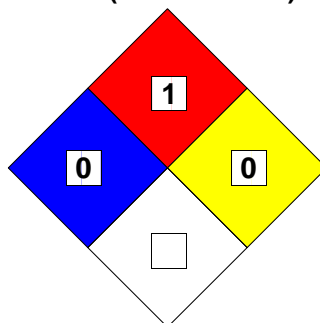
Skin Contact: Product may be abrasive to, or cut skin. Fabrication operations such as milling, cutting, grinding, etc., may produce dust or chips that may be irritating.

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.

Ingestion: Not an expected route of entry.

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
Acrylonitrile Butadiene Styrene Resin	9003-56-9	0 – 99
Polyvinyl Chloride Resin	9002-86-2	0 – 99
Mineral Oil	8042-47-5	0 – 2
Wax	110-30-5	0 – 3
Styrene Monomer	100-42-5	0.20 max
Ethyl Benzene	100-41-4	0.25 max

4 FIRST AID MEASURES

Inhalation: No hazard for product as sold. Fabrication operations such as milling, cutting, grinding, etc., may produce dust, fines, or chips that may be irritating or harmful if inhaled. If irritation persists, seek medical attention.

Skin Contact: Product may be abrasive to, or cut skin. Fabrication operations such as milling, cutting, grinding, etc., may produce dust, chips, 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, chips, 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 Temp.: Not Available

Burning Rate: Not Available

Firefighting Equipment: Use self-contained breathing apparatus with a full-face piece and pressure demand or other positive-pressure mode. Use extinguishing media compatible with surrounding materials.

Fire and Explosion Hazard: No hazard for product as sold. Fabrication operations such as milling, cutting, grinding, etc., may produce dust. Dust, in adequate concentrations and under certain conditions, may present an explosion hazard.

Hazardous Products of Combustion: Carbon Oxides (CO and CO₂), Hydrogen Chloride, Acrylonitrile, Hydrogen Cyanide, Nitrogen Oxides, and various Hydrocarbons.

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 guidelines if fabrication operations generate dust, chips, or fines.

Protective Equipment: Wear safety glasses with side shields during fabrication operations that produce chips, fines, or dust. Gloves suitable for protection against cuts and abrasions from sharp edges are recommended. Respiratory protection must be used if the OSHA Permissible Exposure Limit for laminate dust (Particulate Not Otherwise Regulated – PNOR) is exceeded.

Exposure Guidelines / Other:

Product Name	Exposure Limits
Ethyl Benzene	OSHA PEL: TWA 100 ppm
(CAS 100-41-4)	ACGIH TLV: TWA 100 ppm STEL 125 ppm
Polyvinyl Chloride Resin	ACGIH TLV: TWA 1 mg/m ³ (respirable)
(CAS 9002-86-2)	
Product Dust (Particulate Not Otherwise Regulated – PNOR)	
(CAS not applicable)	OSHA PEL: TWA 5 mg/m ³ (respirable) TWA 15 mg/m ³ (total)

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Styrene Monomer (CAS 100-42-5)	ACGIH TLV: TWA 3 mg/m ³ (respirable)	TWA 10 mg/m ³ (inhalable)
	OSHA PEL: TWA 100 ppm	CEILING 200 ppm
	ACGIH TLV: TWA 20 ppm	STEL 40 ppm

Consult local authorities and local regulations for exposure limits.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Solid Decorative Moldings, various colors and shapes	Boiling Point:	Not Applicable
Physical State:	Solid	Freezing / Melting Point:	Not Applicable
Odor:	None	Specific Gravity / Density:	1.0 – 1.4 (62.4 – 87.4 lbs/ft ³)
Solubility:	Insoluble in water		

10 STABILITY AND REACTIVITY

Stability: Product is stable as supplied.
Conditions to Avoid: None.
Materials to Avoid (Incompatibility): None.
Hazardous Products of Combustion: Carbon Oxides (CO and CO₂), Hydrogen Chloride, Acrylonitrile, Hydrogen Cyanide, Nitrogen Oxides, and various Hydrocarbons.
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

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
Styrene Monomer (CAS 100-42-5)			1	1000		
Ethyl Benzene (CAS 100-41-4)			1	1000		

All quantities in pounds

State Regulations

Chemical (& CAS Number)	CA Prop 65	MA RTK	MN RTK	NJ RTK	PA RTK	RI RTK
Ethyl Benzene (CAS 100-41-4)	X	X	X	X	X	X
Polyvinyl Chloride Resin (CAS 9002-86-2)		X		X		
Styrene Monomer (CAS 100-42-5)		X	X	X	X	X

International Regulations

DSL (Canada): The chemicals in this product are listed.

EINECS: The chemicals in this product are listed.

WHMIS: Not classified as hazardous.

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, 2004.

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, 2010.

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

CL – Ceiling

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

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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.

END OF MSDS DOCUMENT