

1 PRODUCT AND COMPANY IDENTIFICATION

Common Name WILSONART® Solid Surfacing
All Grades and Thicknesses

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

Trade Name Solid Surfacing

MATERIAL USES Decorative Surfacing

Revision # 8

In Case of Emergency Contact:

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

2 COMPOSITION/INFORMATION ON INGREDIENTS

Name	CAS#	% by weight
Butyl acrylate methyl methacrylate copolymer	25852-37-3	20 - 50
Alumina Trihydrate	21645-51-2	40 - 70
Colorants	N/A	1 - 10
Methyl methacrylate	80-62-6	<1

3 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: Repeated and prolonged inhalation of fabrication dust may lead to chronic respiratory irritation. Asthmatic conditions may be aggravated by uncontrolled airborne dust exposures

Skin Contact: Solid sheet 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 hazards 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 with normal use of product.

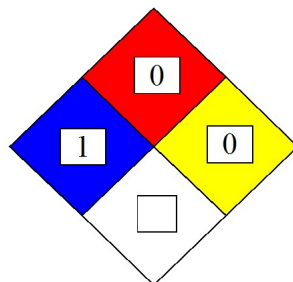
HMIS (United States):

NFPA (United States):

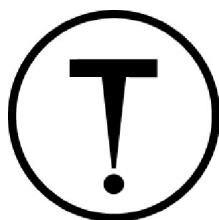
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HEALTH	1
FLAMMABILITY	1
REACTIVITY	0
PPE	B



WHMIS (Canada): D2B



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. Elevated temperatures may release methyl methacrylate (See Section 8). Remove to fresh air. 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 chips that may be irritating. Wash with soap and water. If irritation persists seek, medical attention.
- Eye Contact:** No hazards for product as sold. Fabrication operations such as milling, cutting, grinding, etc., may produce dust or chips that may be irritating. Rinse eyes with water. 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 Temperature: Not Applicable.

Use extinguishing media appropriate for surrounding fire. Wear protective clothing and self contained breathing apparatus appropriate for the surrounding fire. Combustion of product may produce carbon oxides (CO and CO₂) and methyl methacrylate monomer.

UNUSUAL FIRE & EXPLOSION HAZARDS

Product as sold does not present an explosion hazard. Finely divided dust generated by fabrication operations such as milling, cutting, grinding, etc., can create an explosion hazard if the airborne dust concentration exceeds 900 grams per cubic meter and it contacts an ignitions source greater than 8 joules (A person standing in a uniformly dispersed dust cloud of 50 grams per cubic meter will not be able to see his/her outstretched hand).

6 ACCIDENTAL RELEASE MEASURES

Small spill or leak - Not applicable.

Large spill or leak - Not applicable.

Dispose of according to Federal, State, and local regulations.

7 HANDLING AND STORAGE

Handling Precautions: Avoid high temperatures. Follow normal good hygiene practices. Protect exposed areas from cuts and abrasions.

Storage Requirements: Store in a well ventilated area. Avoid high temperatures.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: No special ventilation requirements for product as sold. Provide adequate ventilation to meet exposure guideline if fabrication operations generate dust or fumes.

Protective Equipment: No specific recommendation made, but respiratory protection must be used if the general level exceeds the Occupational Exposure Level (OEL). Gloves suitable for protection against cuts and abrasions from sharp edges are recommended. Wear safety goggles during fabrication operations that produce chips that may be ejected and impact the eyes.

Exposure Guidelines/Other:

<u>Product Name</u>	<u>Exposure Limits</u>
Methyl methacrylate	OSHA PEL:100 ppm; ACGIH TLV:50 ppm STEL 100 ppm

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Solid decorative sheet of varying colors and designs.

Physical State: Solid sheet.

Boiling Point: Not Applicable.

Odor: Odorless.

Freezing/Melting Pt.: Not Applicable.

pH: Not Applicable.

Solubility: Insoluble.

Vapor Pressure: Not Applicable.

Spec Grav./Density: Not Available.

Vapor Density: Not Applicable.

VOC: Not Applicable.

10 STABILITY AND REACTIVITY

Stability: Product stable as supplied.

Conditions to avoid: High temperatures may release methyl methacrylate.

Materials to avoid (incompatibility): None known.

Hazardous Decomposition products: Carbon oxides (CO₂, CO) and methyl methacrylate.

Hazardous Polymerization: Will not polymerize.

11 TOXICOLOGICAL INFORMATION

Toxic effects to Animals:

Methyl methacrylate - Oral LD50 8.4 g/Kg (rat), 6.55 g/Kg (rabbit). Inhalation LC50 25 mg/L (rat). Body weights of female rats and hamsters exposed to 400 ppm were lower than control animals. No teratogenicity at inhalation exposures of < 2000 ppm. Exposure of pregnant rats to concentrations of methyl methacrylate vapor ranging from 0 to 2028 ppm 6h/day during days 6 - 15 of gestation did not cause embryo or fetal toxicity to maternal rats.

Toxic effects to Humans:

Methyl methacrylate - Inhalation 0.150 mg/L TC50.

Butyl acrylate/methyl methacrylate copolymer LD50 > 29,500 mg/Kg.

Methyl methacrylate is classified as a low to moderate toxicant and is irritating to the eyes, skin, and respiratory tract. Methyl methacrylate is a potential sensitizer.

12 ECOLOGICAL INFORMATION

Ecotoxicity	Not available.
BOD5 and COD	Not available.
Biodegradable/OECD	Not available.
Mobility	Not available.

Toxicity of the Products of Biodegradation	Not available.
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Special Remarks on the Products of Biodegradation	No additional remark.
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13 DISPOSAL CONSIDERATIONS

Dispose of according to Federal, State, and Local regulations.

14 TRANSPORT INFORMATION

DOT Classification - Not DOT Regulated
Proper Shipping Name - None
Markings - None
Packaging instructions - None
Marine Pollutant - No
TDG hazard class - None

15 REGULATORY INFORMATION

U.S. Federal Regulations

CERCLA Reportable quantity (Rq) values:

Methyl methacrylate 1000 lbs.

TSCA inventory: The chemicals in this product are listed.

SARA 302/304/311/312 extremely hazardous substances: Methyl methacrylate.

SARA 302/304 emergency planning and notification: Methyl methacrylate.

SARA 302/304/311/312 hazardous chemicals: Methyl methacrylate.

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SARA 311/312 MSDS distribution, chemical inventory, hazard identification: Methyl methacrylate.

SARA 313 toxic chemical notification and release reporting: Methyl methacrylate.

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

EINECS - methyl methacrylate.

DSL - The chemicals in this product are listed.

WHIMS - D2B

State Regulations

Pennsylvania RTK: None

Minnesota: None

Massachusetts RTK: None

New Jersey RTK: None

Rhode Island: None

California Prop. 65: None

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OTHER INFORMATION

References

Lewis, R. J., Rapid Guide to Hazardous Chemicals in the Workplace, 4th ed., Wiley-Interscience, New York, 2000.

Patty's Toxicology, 5th ed., Wiley and Sons, New York, 2001.

NIOSH Pocket Guide to Chemical Hazards, Department of Health and Human Services, National Institute for Occupational Safety and Health, 2004.

TLVs and BEIs, Threshold Limit Values for Chemical Substances and Physical Agents & Biological Exposure Agents, ACGI Worldwide, Cincinnati, 2003.

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%

MSDS *Material Safety Data Sheet* Wilsonart International



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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

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