

MSDS **Material Safety Data Sheet**

Wilsonart International



MSDS Number: 16437

Wilsonart® Solid Surfacing

Revision Date: 10/30/08

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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 #: 9

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:
Inhalation, skin contact, eye contact, and ingestion.

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 exposure.

Skin Contact: Solid sheet may be abrasive to, or cut skin. Dust or chips generated during fabrication operations may cause skin irritation.

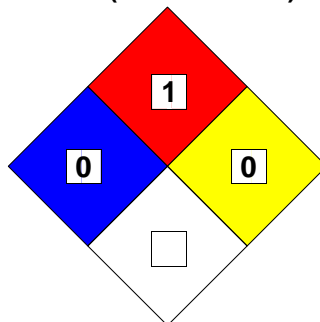
Eye Contact: None for product as sold. Dust or chips generated during fabrication operations may be irritating.

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
Alumina Trihydrate	21645-51-2	40 – 70
Butyl Acrylate Methyl Methacrylate Copolymer	25852-37-3	20 – 50

Colorants	Not Available	1 – 10
Methyl Methacrylate	80-62-6	< 1

4 FIRST AID MEASURES

Inhalation: Dust from fabrication may be harmful or irritating if inhaled. Remove to fresh air. If irritation persists, seek medical attention.

Skin Contact: Solid material may be abrasive to or cut skin. Dust from fabrication may be harmful or irritating to skin. Wash skin with soap and water. If irritation persists, seek medical attention.

Eye Contact: Dust from fabrication may be harmful or irritating to eyes. Flush eyes with water for 15 minutes. Remove contact lenses prior to water flush. If irritation persists, seek medical attention seek medical attention.

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

5 FIRE FIGHTING MEASURES

Flash Point: Not Applicable.

Flash Point Method: Not Applicable.

Autoignition Temp.: Not Available.

Burning Rate: Not Available.

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

Hazardous Products of Combustion: Carbon Oxides (CO and CO₂), and Methyl Methacrylate monomer.

6 ACCIDENTAL RELEASE MEASURES

Small Spill or Leak: Not Applicable.

Large Spill or Leak: Not Applicable.

7 HANDLING AND STORAGE

Handling Precautions: Protect exposed skin 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 a sold. Provide adequate ventilation to meet exposure guideline if fabrication operations generate dust or fumes.

Protective Equipment: No specific recommendations are made for respiratory protection. However, respiratory protection must be used if dust level exceeds the Occupational Exposure Level (OEL). Gloves suitable for protection against cuts and abrasions from sharp edges are recommended.

Exposure Guidelines / Other:

Product Name

Methyl Methacrylate (CAS 80-62-6)

Exposure Limits

OSHA PEL: TWA 100 ppm

ACGIH TLV: TWA 50 ppm STEL 100 ppm

Consult local authorities and local regulations for exposure limits.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Solid decorative sheet of various colors and designs.

Physical State: Solid

Boiling Point: Not Applicable

Odor: None

Freezing / Melting point: Not Applicable

pH:	Not Applicable	Solubility:	Not Soluble in Water
Vapor Pressure:	Not Applicable	Specific Gravity / Density:	1.6 g/cm ³
Vapor Density:	Not Applicable	Viscosity:	Not Applicable
VOC:	Not Available		

10 STABILITY AND REACTIVITY

Stability: Product is stable as supplied.

Conditions to Avoid: High temperatures may release methyl methacrylate.

Materials to Avoid (incompatibility): None known.

Hazardous Decomposition Products: Carbon Oxides (CO and CO₂) and Methyl Methacrylate.

Hazardous Polymerization: Will not polymerize.

11 TOXICOLOGICAL INFORMATION

Acute Toxicity to Animals:

Methyl Methacrylate:	LC50 = 7093 ppm (4 hour, rat)
	LD50 = 7940 mg/kg (oral, rat)
	LD50 = 3625 mg/kg (oral, mouse)
	LD50 > 7550 mg/kg (dermal, rabbit)

Chronic Toxicity to Animals: No additional information.

Acute Toxicity to Humans: No additional information.

Chronic Effects on Humans: No additional information.

Carcinogenic Effects: Not classifiable for human or animal.

Mutagenic Effects: Classifiable none for human.

Teratogenic Effects: Classifiable none for human.

Developmental Toxicity: Classifiable none for human.

Causes damage to the following organs: No additional information.

12 ECOLOGICAL INFORMATION

Fish Toxicity: Methyl Methacrylate, 150 ppm 96 hr LC50 (flathead minnow), 232 ppm 96 hr LC50 (bluegill sunfish).

Ecotoxicity: No additional information.

BOD5 and COD: Not Available

Biodegradable / OECD: Not Available

Toxicity of the Products of Biodegradation: Not Available

Special Remarks on the Products of Biodegradation: Not Available

13 DISPOSAL CONSIDERATIONS

Dispose of in accordance with Federal, State, and local regulations.

14 TRANSPORT INFORMATION

DOT Classification: Not DOT Regulated.

Proper Shipping Name: None.

Marking: None.

Packaging Instructions: None.

Marine Pollutant: No

TDG Hazard Class: None

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
Methyl Methacrylate (80-62-6)			1.0	1000		U162

All quantities in pounds

State Regulations

Chemical (& CAS Number)	CA Prop 65	MA RTK	MN RTK	NJ RTK	PA RTK	RI RTK
Methyl Methacrylate (80-62-6)		X	X	X	X	X

International Regulations

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

EINECS: The chemicals in this product are listed.

WHIMS: 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, 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

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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

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