

SDS SAFETY DATA SHEET

Wilsonart LLC

SDS Number: 16437

Wilsonart® Solid Surface

Revision No.: 13

Page 1 of 6

Revision Date: 10/15/13

Section 1 IDENTIFICATION

Product Name: Wilsonart® Solid Surface
All Grades and Thicknesses

Manufacturer: WILSONART LLC
P. O. BOX 6110 – 10501 H. K. DODGEN LOOP
TEMPLE, TX 76503
INFORMATION PHONE: 800-433-3222 (USA)

Trade Name: Solid Surface Material

Materials Uses: Decorative Surfacing

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

Section 2 HAZARD IDENTIFICATION

GHS Classification: Not Applicable. Material is classified as non-hazardous.

GHS Signal Words with Hazard and Precautionary Statements: Not Applicable.

GHS Pictograms: Not Applicable.

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.

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.

Respiratory Contact: No hazard for product as sold. Fabrication operations such as milling, cutting, grinding, etc., may produce dust or fines that may be irritating. Repeated and prolonged inhalation of fabrication dust may lead to chronic respiratory irritation. Asthmatic conditions may be aggravated by uncontrolled airborne dust exposure.

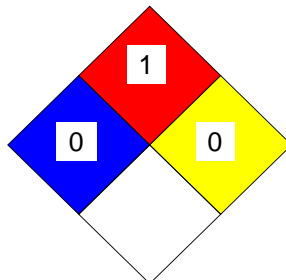
Ingestion: Not an expected route of entry.

WARNING! This product may form combustible dust during processing.

HMIS (United States)

Health	0
Flammability	1
Reactivity	0
PPE	B

NFPA (United States)



WHMIS (Canada): Not classified as hazardous

SDS SAFETY DATA SHEET

Wilsonart LLC

SDS Number: 16437

Wilsonart® Solid Surface

Revision No.: 13

Page 2 of 6

Revision Date: 10/15/13

Section 3 COMPOSITION / INFORMATION ON INGREDIENTS

Name	CAS #	% by Weight
Alumina Trihydrate	21645-51-2	40 – 70
Polymethyl Methacrylate	9011-14-7	20 – 50
Colorants	Not Available	1 – 10
Styrene	100-42-5	0 – 10
Bisphenol A Diglycidyl Diacrylate Epoxy Diacrylate	55818-57-0	0 – 5
Trimethylolpropane Trimethacrylate	3290-92-4	0 – 5
Methyl Methacrylate	80-62-6	< 1

Section 4 FIRST-AID MEASURES

Skin: 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: 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.

Respiratory: 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.

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

Section 5 FIRE-FIGHTING MEASURES

Suitable Extinguishing Media: Use extinguishing media appropriate for surrounding fire.

Specific Hazards Arising from the Chemical: Not Available.

Special Protective Equipment and Precautions for Firefighters: Use self-contained breathing apparatus and protective clothing appropriate for surrounding fire.

Flash Point and Method: Not Applicable.

Flammability Classification: Not Available.

Risk of Explosion due to Mechanical Impact: Not Applicable.

Risk of Explosion due to Static Discharge: 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.

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

Special Remarks: None.

Section 6 ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures: Material is non-hazardous as sold.

Environmental Precautions: None.

Clean-Up Methods and Materials: Material is non-hazardous as sold.

Section 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

SDS SAFETY DATA SHEET

Wilsonart LLC

SDS Number: 16437

Wilsonart® Solid Surface

Revision No.: 13

Page 3 of 6

Revision Date: 10/15/13

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 Precautions: Store in a dry well-ventilated area.

Section 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Control Parameters and Exposures:

Material Name:

Methyl Methacrylate (CAS 80-62-6):

Exposure Limits:

OSHA PEL: TWA 100 ppm

ACGIH TLV: TWA 50 ppm

STEL 100 ppm

Particulate Not Otherwise Regulated – PNOR (Dust from fabrication):

OSHA PEL: TWA 5 mg/m³ (respirable)

TWA 15 mg/m³ (total)

Styrene (CAS 100-42-5):

OSHA PEL: TWA 100 ppm

Ceiling 200 ppm 15 minute peak

STEL 600 ppm 5 minute peak in any 3 hours

ACGIH TLV: TWA 20 ppm

STEL 40 ppm 15 minute peak

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).

Individual Protection Measures and PPE:

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

Skin Protection: Gloves suitable for protection against cuts and abrasions from sharp edges are recommended.

Respiratory Protection: 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.

Thermal Hazards: None.

Section 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Solid sheet, various colors, designs, and dimensions.

Odor: None.

Odor Threshold: Not Applicable.

pH: Not Applicable.

Melting Point / Freezing Point: Not Applicable.

Initial Boiling Point and Boiling Range: Not Applicable.

Flash Point and Method: Not Applicable.

Evaporation Rate: Not Applicable.

Flammability: Material is combustible.

Lower Explosion Limit: Not Applicable.

Upper Explosion Limit: Not Applicable.

SDS SAFETY DATA SHEET

Wilsonart LLC

SDS Number: 16437

Wilsonart® Solid Surface

Revision No.: 13

Page 4 of 6

Revision Date: 10/15/13

Vapor Pressure: Not Applicable.

Vapor Density: Not Applicable.

Relative Density: 1.7 g/cm³.

Solubility(ies): Not soluble.

Partition Coefficient (n-Octanol in Water): Not Applicable.

Auto-Ignition Temperature: Not Available.

Decomposition Temperature: Not Available.

Viscosity: Not Applicable.

Section 10 STABILITY AND REACTIVITY

Reactivity: Product is non-reactive.

Chemical Stability: Product is stable.

Possibility of Hazardous Reactions: None.

Conditions to Avoid: High temperatures may release Methyl Methacrylate.

Materials to Avoid (Incompatibility): None.

Hazardous Decomposition Products: Carbon Oxides (CO and CO₂), Methyl Methacrylate, Hydrogen Bromide, and Aldehydes.

Section 11 TOXICOLOGICAL INFORMATION

Acute Toxicity to Animals:

Methyl Methacrylate (CAS 80-62-6): LC50 = 7093 ppm (4 hour, rat)
LD50 = 7940 mg/kg (oral, rat)
LD50 = 3625 mg/kg (oral, mouse)
LD50 > 7550 mg/kg (dermal, rabbit)

Styrene (CAS 100-42-5): LC50 = 2425 ppm (4 hour, rat)
LC50 = 2960 ppm (4 hour, mouse)
LD50 = 2650 mg/kg (oral, male rat)
LD50 = 3050 mg/kg (oral, female rat)

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

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

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

Skin Corrosion / Irritation: Not Available.

Eye Damage / Irritation: Not Available.

Respiratory Sensitization: Not Available.

Skin Sensitization: Not Available.

Mutagenicity: Classifiable "None" for human.

Carcinogenicity: Not classifiable for human or animal.

Reproductive Toxicity: Classifiable "None" for human.

STOST- Single Exposure: Not Available.

STOST – Repeated Exposure: Not Available.

Aspiration Hazard: Not Applicable.

SDS SAFETY DATA SHEET

Wilsonart LLC

SDS Number: 16437

Wilsonart® Solid Surface

Revision No.: 13

Page 5 of 6

Revision Date: 10/15/13

Section 12 ECOLOGICAL INFORMATION

Ecotoxicity: Not available. Not expected to be ecotoxic.

Persistence and Degradability: Not Available.

Bioaccumulative Potential: Not Available.

Mobility in Soil: Not Available.

Other Adverse Effects: Not Available.

Section 13 DISPOSAL CONSIDERATIONS

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

Section 14 TRANSPORT INFORMATION

UN Number: Not Available.

UN Proper Shipping Name: Not Available.

Transport Hazard Class: Not Applicable.

Packing Group: Not Applicable.

DOT Classification: Not Applicable.

Special Provision for Transport: Not Applicable.

ADR / RID Classification: Not Applicable.

ICAO/IATA Classification: Not Applicable.

IMO/IMDG Classification: Not Applicable.

Marine Pollutant: Not expected to be a marine pollutant.

Section 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 (CAS 80-62-6)			1.0	1000		U162
Styrene (CAS 100-42-5)			1.0	1000		

All quantities in pounds.

State Regulations

Chemical (& CAS Number)	CA Prop 65	MA RTK	MN RTK	NJ RTK	PA RTK	RI RTK
Methyl Methacrylate (CAS 80-62-6)		X	X	X	X	X
Styrene (CAS 100-42-5)		X	X	X	X	X

International Regulations

DSL (Canada): None.

EINECS: None.

WHMIS: Not classified as hazardous.

Section 16 OTHER INFORMATION

Changes to This Revision: Corporate address change
Inclusion of information per GHS requirements.

Prepared By: Environmental, Health, and Safety Department, Wilsonart LLC.

SDS SAFETY DATA SHEET

Wilsonart LLC

SDS Number: 16437
Page 6 of 6

Wilsonart® Solid Surface

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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 SDS DOCUMENT