

Section 1. Chemical Product and Company Identification			
Common Name	WILSONART^(R) SOLID SURFACING 1/2" ACRYLIC	Code	USA16437
Supplier	WILSONART INTERNATIONAL INC. P.O. BOX 6110 - 2400 Wilson Place, Temple, TX 76503 Telephone: 800-433-3222 (USA) or 254-207-7000	MSDS#	16437
Synonym	Not available.	Validation Date	12/22/1999
Trade name	Wilsonart ^(R) Solid Surfacing Acrylic 1/2"	Print Date	08/24/2000
Material Uses	Decorative laminate.	Responsible Name	Wilsonart International Inc.
Manufacturer	WILSONART INTERNATIONAL, INC. P.O. BOX 6110, Temple, TX 76503-6110 Information Phone: 254-207-7000 or 800-433-3222	In Case of Emergency	CHEMTREC: 800-424-9300 (USA) 703-527-3887 (International)

Section 2. Composition and Information on Ingredients			
Name	CAS #	% by Weight	Exposure Limits
Alumina trihydrate	21645-51-2	40 - 60	Not available.
Colorants	Not available	1 - 5	Not available

Section 3. Hazards Identification	
Physical State and Appearance	Solid.
Emergency Overview	Dust generated during machining of product may cause mechanical irritation of eyes, skin, and respiratory system.
Routes of Entry	Inhalation (dust during machining). Eye contact. Skin contact.
Potential Acute Health Effects	<p><i>Eyes</i> Dust may cause mechanical irritation to eye.</p> <p><i>Skin</i> Dust may cause mechanical irritation. Any sharp edges will cut or abrade the skin.</p> <p><i>Inhalation</i> Inhalation of dust will produce irritation to respiratory tract, characterized by sneezing and coughing.</p> <p><i>Ingestion</i> Not an expected route of entry.</p>
Potential Chronic Health Effects	Repeated exposure of the eyes to a low level of dust can produce eye irritation. Repeated or prolonged inhalation of dust may lead to chronic respiratory irritation.
Medical Conditions Aggravated by Overexposure:	Asthmatic conditions may be aggravated by uncontrolled airborne dust exposures.
Overexposure /Signs/Symptoms	Inflammation of the eye is characterized by redness, watering, and itching. Skin inflammation is characterized by itching, scaling, reddening.
See Toxicological Information (section 11)	

Section 4. First Aid Measures

Eye Contact	Upon contact with nuisance dust particles, flush eyes immediately with large amounts of water for a minimum of 15 minutes. Seek medical attention.
Skin Contact	Not expected to be a problem. Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. If irritation persists, seek medical attention.
Inhalation	Repeated or prolonged inhalation of dust may lead to chronic respiratory irritation. Allow the victim to rest in a well ventilated area. Oxygen may be administered if breathing is difficult. Seek medical attention.
Ingestion	Not applicable.
Notes to Physician	No additional information.

Section 5. Fire Fighting Measures

Flammability of the Product	Non-flammable.
Auto-ignition Temperature	Not available.
Flash Points	Not available.
Flammable Limits	Not available.
Products of Combustion	Some metallic oxides.
Fire Hazards in Presence of Various Substances	Non-flammable in presence of shocks, heat, oxidizing materials, reducing materials, combustible materials, organic materials, metals, acids, alkalis, moisture.
Explosion Hazards in Presence of Various Substances	Not considered as a product presenting risks of explosion.
Fire Fighting Media and Instructions	SMALL FIRE: Use DRY chemicals, CO2, water spray or foam. LARGE FIRE: Use water spray, fog or foam. DO NOT use water jet.
Protective Clothing (Fire)	Fire fighters should wear positive pressure self-contained breathing apparatus (SCBA) and full turnout gear.
Special Remarks on Fire Hazards	No additional remark.
Special Remarks on Explosion Hazards	No additional remark.

Section 6. Accidental Release Measures

Small Spill and Leak	Use appropriate tools to put the spilled solid in a convenient waste disposal container.
Large Spill and Leak	No additional information.

Section 7. Handling and Storage

Handling	After handling, always wash hands thoroughly with soap and water. If user operations generate dust use ventilation to keep exposure to airborne contaminants below the exposure limit.
Storage	No specific storage is required.

Section 8. Exposure Controls/Personal Protection

Engineering Controls If user operations (machining, routing, sanding) generate dust, use ventilation to keep exposure to airborne contaminants below the exposure limit.

Personal Protection

Eyes Safety glasses with side shields.

Body No special precautions are necessary if used as intended.

Respiratory A respirator is not needed under normal and intended conditions of product use.

Hands No special precautions are necessary if used as intended. Gloves suitable for protection against cuts from rough, sharp edges are recommended.

Feet No special precautions are necessary if used as intended.

**Protective Clothing
(Pictograms)**



Personal Protection in Case of a Large Spill No additional information.

Product Name

Exposure Limits

Aluminum trihydroxide
Colorants

Not available.
Not available

Consult local authorities for acceptable exposure limits.

Section 9. Physical and Chemical Properties

Physical State and Appearance	Solid.	Odor	Odorless.
Molecular Weight	Not applicable.	Taste	Not available.
Molecular Formula	Not applicable.	Color	Varies.
pH (1% Soln/Water)	Not applicable.		
Boiling/Condensation Point	Not available.		
Melting/Freezing Point	Not available.		
Critical Temperature	Not available.		
Specific Gravity	0.04 (Water = 1) based on data for: Alumina trihydrate		
Vapor Pressure	Not available.		
Vapor Density	Not available.		
Volatility	Not available.		
Odor Threshold	Not available.		
Evaporation Rate	Not available.		
VOC	Not available.		
Viscosity	Not available.		

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LogK_{ow}	Insoluble in water and oil.
Ionicity (in Water)	Not available.
Dispersion Properties	Is not dispersed in cold water, hot water, methanol, diethyl ether, n-octanol, acetone.
Solubility	Insoluble in water.
Physical Chemical Comments	Not available.

Section 10. Stability and Reactivity

Stability and Reactivity	The product is stable.
Conditions of Instability	No additional remark.
Incompatibility with Various Substances	Not considered to be reactive according to our database.
Hazardous Decomposition Products	Not available.
Hazardous Polymerization	Will not occur.

Section 11. Toxicological Information

Toxicity to Animals	This product has not been tested for animal effects.
Chronic Effects on Humans	The substance is not toxic to blood, kidneys, lungs, the nervous system, the reproductive system, liver, mucous membranes.
Other Toxic Effects on Humans	No additional information.
Special Remarks on Toxicity to Animals	No additional remark.
Special Remarks on Chronic Effects on Humans	No additional remark.
Special Remarks on Other Toxic Effects on Humans	No additional information.


Section 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.
Special Remarks on the Products of Biodegradation	No additional remark.

Section 13. Disposal Considerations

Waste Information	Use appropriate tools to put the spilled solid in a convenient waste disposal container.
Waste Stream	Not available.
Consult your local or regional authorities.	

Section 14. Transport Information

DOT Classification	Not a DOT controlled material (United States).	
Marine Pollutant	Not a marine pollutant.	
Special Provisions for Transport	No additional remark.	
ADR/RID Classification	Not controlled under ADR (Europe).	
IMO/IMDG Classification	Not controlled under IMDG.	
ICAO/IATA Classification	Not controlled under IATA.	

Section 15. Regulatory Information

HCS Classification	Not controlled under the HCS (United States).
U.S. Federal Regulations	TSCA: All ingredients are listed. SARA 302/304/311/312 extremely hazardous substances: No products were found. SARA 302/304 emergency planning and notification: No products were found. SARA 302/304/311/312 hazardous chemicals: No products were found. SARA 311/312 MSDS distribution - chemical inventory - hazard identification: No products were found. SARA 313 toxic chemical notification and release reporting: No products were found. Clean water act (CWA) 307: No products were found. Clean water act (CWA) 311: No products were found. Clean air act (CAA) 112 accidental release prevention: No products were found. Clean air act (CAA) 112 regulated flammable substances: No products were found. Clean air act (CAA) 112 regulated toxic substances: No products were found.
International Regulations	
EINECS	Not available.
DSCL (EEC)	Not controlled under DSCL (Europe).
International Lists	No products were found.
State Regulations	No products were found. California Prop. 65: No products were found.

Section 16. Other Information

Label Requirements Dust generated during machining of product may cause mechanical irritation of eyes, skin, and respiratory system.

Hazardous Material Information System (U.S.A.)

Health	1
Fire Hazard	0
Reactivity	0
Personal Protection	A

National Fire Protection Association (U.S.A.)



References -SAX, N.I. Dangerous Properties of Industrial Materials. Toronto, Van Nostrand Reinold, 6e ed. 1984.
-Patty's Industrial Hygiene and Toxicology
-Manufacturer's Material Safety Data Sheet.

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
- CAS - Chemical Abstract Services
- CEPA - Canadian Environmental Protection Act
- CERCLA - Comprehensive Environmental Response, Compensation and Liability Act
- CFR - Code of Federal Regulations
- 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

Other Special Considerations No additional remark.

Validated by Wilsonart International Inc. on 12/22/1999.

Verified by Wilsonart International Inc..

Printed 08/24/2000.

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

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