

MATERIAL SAFETY DATA SHEET

SECTION I - NAME AND PRODUCT

MANUFACTURER'S NAME WOOSTER PRODUCTS INC		DATE June 27, 2005 (Revision B)	
ADDRESS (Street, City, State, and Zip Code) 1000 Spruce St, PO Box 6005, Wooster, OH 44691		CONTACT Inder Kapoor	
TRADE NAME Safe Stride Acrylic Abrasive Anti-Slip Paint (All Colors)		Emergency Telephone No. 330-264-2844	
PRODUCT CLASS Water Based Acrylic	Sub Risk	D.O.T. Hazard Class	HMIS: 1 0 0 E
MANUFACTURING CODE IDENTIFICATION LW - 15 - 17 - 18	MFAG:	Proper Shipping Name	

SECTION II - HAZARDOUS INGREDIENTS

*** DENOTES 313 TOXIC CHEMICAL

INGREDIENTS	CAS#	WEIGHT %	EXPOSURE LIMITS		Vapor Pressure
			ACGIH/TLV	OSHA/PEL	mm Hg@20 C
Crystalline Silica - Quartz	14808-60-7	5 - 10	0.1 mg/M ³ (respir. dust)	10 mg/M ³ %SiO ₂ +2 (respir dust)	n/a
Fused Aluminum Oxide	1344-28-1	4 - 7	10mg/M ³ 5mg/M ³ (respir. dust)	10mg/M ³ 5mg/M ³ (respir. dust)	n/a
Ethylene Glycol N.butyl Ether	111-76-2	<1	20 PPM	25 PPM	0.88
Carbon Black	Aqueous Dis.	<1			0.6

SECTION III - PHYSICAL DATA

Boiling Range: 212.0 - 279.0°F	Vapor Density: Heavier than air	H2O Soluble: Complete (>99.9%)
Evap. Rate: Slower than n-butyl acetate	Percent Volatile By Volume: 55% (Max.)	Weight Per Gallon: 12.2 - 12.5 lbs
Vapor Pressure: 0.9mm@20°C	Freezing Point: 32° F	Appearance: Liquid
Specific Gravity: 1.4 - 1.5	Odor: Mild	V.O.C. by Wt (- Water): < 1%

SECTION IV - FIRE AND EXPLOSION DATA

Flammability Class: OSHA: N/A DOT: Not regulated	Flash Point: N/A	LEL: 1.1% by Vol	UEL: 10.6 (% V in air)
Extinguishing Media: Foam, "Alcohol" Foam, Water Fog. When the solvents present are used as a cosolvent or coalescing solvents in water-thinned coatings the flammability does not apply.			
Special Fire Fighting Procedures: A water steam may be used to cool closed containers to prevent excessive pressure build-up.			

SECTION V - TOXICOLOGICAL INFORMATION

INGREDIENT MATERIAL DESCRIPTION	PEL	TLV(twa)		LD50 (mg/kg)		LC50 (ppm)
		mg/m3	Ppm	(rat) ORAL	(rbt) DERMAL	(rat) INHAL
ETHYLENE GLY. MONOBUTYL ETHER	50.0	.0	25.0	1746.0	435.0	800.0

SECTION VI- HEALTH, FIRST AID AND MEDICAL DATA

PRIMARY ROUTE(S) OF ENTRY	EFFECTS OF OVEREXPOSURE	FIRST AID AND MEDICAL INFORMATION
Inhalation	<p>May cause irritation of the mucous membranes of the nose, throat, respiratory tract and headache and nausea. Long term overexposure to talc and/or silica can cause severe lung damage.</p> <p>Silicosis - Excessive inhalation of respirable crystalline silica dust may cause a progressive, disabling and sometimes-fatal disease called silicosis. Symptoms include cough, shortness of breath, wheezing, non-specific chest illness and reduced pulmonary function. This disease is exacerbated by smoking. Individuals with silicosis are predisposed to develop tuberculosis.</p> <p>Cancer - The IARC has determined that crystalline silica inhaled in the form of quartz or cristobalite from occupational sources is carcinogenic to humans. (Group 1 - carcinogenic to humans). Refer to IARC Monograph volume 68(1997), "Silica, Some Silicates and Organic Fibers." The National Toxicology Program (NTP) classifies respirable crystalline silica as "reasonably anticipated to be a carcinogen."</p> <p>Cancer Agent: Yes Federal OSHA: NO IARC: Yes NTP: Yes</p> <p>Scleroderma & Kidney Disease: There is some evidence that breathing respirable crystalline silica or the disease silicosis is associated with an increased incidence of scleroderma (an immune system disorder manifested by fibrosis of the lungs, skin and other internal organs) and kidney disease.</p>	<p>If affected remove individual to fresh air. If breathing is difficult, administer oxygen. If breathing has stopped give artificial respiration. Keep person warm, quiet and get medical attention.</p>
Eye Contact	Direct contact may result in irritation.	Flush with large amounts of water, lifting upper and lower lids occasionally, get medical attention if irritation persists.
Skin Contact	Prolonged or repeated contact can cause moderate irritation.	Wipe off paint, then thoroughly wash exposed area with soap and water. Remove contaminated clothing. Launder contaminated clothing before reuse.
Ingestion	Swallowing may cause gastrointestinal irritation, nausea and vomiting.	Dilute by drinking two glasses of water and induce vomiting by touching the back of the throat with finger. NEVER GIVE ANYTHING BY MOUTH OR INDUCE VOMITING IN AN UNCONSCIOUS PERSON. Consult a physician if symptoms persist.

Other	MEDICAL CONDITIONS PRONE TO AGGRAVATION BY EXPOSURE: Respiratory tract irritation, dermatitis, nausea.	
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SECTION VII - CORROSIVITY AND REACTIVITY DATA

Stability	Unstable <input type="checkbox"/> Stable <input checked="" type="checkbox"/>	Polymerization may occur <input type="checkbox"/> Will not occur <input checked="" type="checkbox"/>
Incompatibility (Materials to avoid): N/A		
Decomposition Products: If involved in fire (from other sources) could conceivably result in release of carbon dioxide and carbon monoxide fumes.		
Conditions to be Avoided: N/A		

SECTION VIII - STORAGE, HANDLING AND USE PROCEDURES

STEPS TO BE TAKEN IN CASE OF SPILLS: Absorb with sand and dispose of in approved manner. Dike areas with sand to contain spilled liquid.
WASTE DISPOSAL METHOD: Deposit in landfill in accordance with all Local, State and Federal Regulations.

SECTION IX - PERSONAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: Use a NIOSH/NESA approved respirator.
VENTILATION: Provide adequate cross air circulation.
SKIN CONTACT: Gloves should be worn if direct contact is likely. Apron if splashing is likely.
EYE PROTECTION: Chemical, safety glasses.
HYGIENIC PRACTICES: Washing hands before eating, smoking, or using the washroom.

SECTION X - SPECIAL PRECAUTIONS / REGULATORY INFORMATION

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Keep closures tight and drums upright to prevent leakage. Overheating may cause container to rupture. OTHER PRECAUTIONS: Dust or particles resulting from sanding, blasting, or abrading the dry coating will contain talc, mica and/or silica which are hazardous. See Section II. Wear a NIOSH approved respirator. Crystalline silica is classified as a substance known to the state of California to be a carcinogen.
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SECTION XI - SARA SECTION 313 DATA

This product contains the following materials which are reportable under SARA Title III, Section 313: None known
This information must be included in all MSDS that are copied and distributed for this material. The data and recommendations presented herein are based upon a review of Wooster Products files, published MSDS and standard Toxicological reference sources.

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