

# MATERIAL SAFETY DATA SHEET

## SECTION I - NAME AND PRODUCT

|   |          |   |                  |
|---|----------|---|------------------|
| MANUFACTURER'S NAME<br><b>WOOSTER PRODUCTS INC</b>  |          | REVISION DATE:<br>July 23, 2003                                       |                  |
| ADDRESS (Street, City, State, and Zip Code)<br>1000 Spruce St, PO Box 6005, Wooster, OH 44691 |          | Ph#330-264-2844   |                  |
| TRADE NAME<br>Safe Stride Alkyd Base Floor Paint  |          | <b>Emergency Telephone No.</b><br><br><b>Chemtrec: 1-800-424-9300</b> |                  |
| Product Class:<br>Alkyd Primer  | Sub Risk | D.O.T. Hazard Class   | HMS:<br>2 3 0 E* |
| Manufacturing Code Identification:<br>LE 284  | MFAG:    | Proper Shipping Name<br>PAINT 3 UN 1263 PG 3                          |                  |

## SECTION II - HAZARDOUS INGREDIENTS

| INGREDIENTS                    | CAS#       | WEIGHT % | EXPOSURE LIMITS                       |        |   | Vapor Pressure |
|--------------------------------|------------|----------|---------------------------------------|--------|---|----------------|
|                                |            |          | ACGIH/TLV                             | STEL   | OSHA/PEL  | mm HG@ 20 C    |
| n-Butyl Acetate                | 123-86-4   | 2 - 5    | 150.0 ppm                             | n/a    | 150.00 ppm  | 40 mm          |
| Carbon Black                   | 1333-86-4  | < 1      | 3.5 mg/M3                             | n/a    | 3.5 mg/M3   | n/a            |
| Crystalline Silica             | 14808-60-7 | 5 - 10   | .01mg/M3<br>(Respir. Dust)            | n/a    | 10 mg/M3<br>%SiO <sub>2</sub> +2<br>(Respir.Dust) | n/a            |
| Aluminum Oxide                 | 1344-28-1  | 4 - 7    | 10 mg/M3<br>5 mg/M3<br>(Respir. Dust) | n/a    | 10 mg/M3<br>5 mg/M3<br>(Respir.Dust)              | n/a            |
| Xylene                         | 1330-20-7  | 20 - 25  | 100 ppm                               | 150ppm | 100 ppm   | 9.5            |
| Aromatic Petroleum Distillates | 64742-95-6 | 1 - 3    |                                       |        | 100.0   | 5.0            |
| Mineral Spirits                | 8052-41-3  | < 1      | 500.0 ppm                             |        | 500.0 ppm   | 3.4            |

## SECTION III - PHYSICAL DATA

|   |                                     |   |
|---|-------------------------------------|---|
| Boiling Range: 280.0 -396.0 °F            | Vapor Density: Heavier than air     | Weight per Gallon: 12.20 lbs.                 |
| Evap. Rate: Slower (than n-butyl acetate) | Percent Volatile By Volume: 40 - 45 | Specific Gravity: 1.46                        |
| Vapor Pressure: 9.74 mm@20 deg. C         | Freezing Point: 0.0 deg. F          | H <sub>2</sub> O Soluble: Negligible (< 0.1%) |
| Appearance: Gray viscous liquid           | Odor: Aromatic solvent odor         |   |

## SECTION IV - FIRE AND EXPLOSION DATA

|  |                                    |           |                           |
|--|------------------------------------|-----------|---------------------------|
| Flammability Class: OSHA 1C<br>DOT: Flammable Liquid or Solid                                  | Flash Point: 80° F<br>(Tag Method) | LEL: 0.8% | UEL: 7.6%<br>(% V in air) |
| Extinguishing Media: Water Foam, CO <sub>2</sub> , Dry Chemical, Water Fog, Foam, Alcohol foam |                                    |           |                           |

**Special Fire Fighting Procedures:**

Self contained breathing apparatus with full face piece operated in a pressure demand or other positive pressure mode. Shut off all power to the area. Water may be used to cool closed containers to prevent excessive pressure build-up and auto ignition or explosion when exposed to extreme heat. Water spray may be ineffective - water fog nozzles are preferable..

**Unusual Fire and Explosion Hazards:**

Vapors are heavier than air and may travel and ignite or flashback. Isolate product from heat, electrical equipment, sparks and open flame. Closed containers may explode when exposed to extreme heat. Never use welding or cutting torch on or near drum (even empty) because product (even just residue) can ignite explosively.

**SECTION V - TOXICOLOGICAL INFORMATION**

| INGREDIENT<br>MATERIAL DESCRIPTION | PEL   | TLV (twa) |       | LD50(mg/kg)   |                 | LC50(ppm)      |
|------------------------------------|-------|-----------|-------|---------------|-----------------|----------------|
|                                    |       | mg/m3     | Ppm   | (rat)<br>ORAL | (rbt)<br>DERMAL | (rat)<br>INHAL |
| XYLENE                             | 100.0 | 435.0     | 100.0 | 0.0           | 0.0             | 0.0            |
| N-BUTYL ACETATE                    | 150.0 | .0        | 150.0 | 0.0           | 0.0             | 0.0            |
| CARBON BLACK                       | 3.    | .0        | .0    | 0.0           | 0.0             | 0.0            |
| ALUMINUM OXIDE                     | 0.    | .0        | .0    | 0.0           | 0.0             | 0.0            |
| CRYSTALLINE SILICA                 | 0.    | .0        | .0    | 0.0           | 0.0             | 0.0            |
| AROMATIC PETROLEUM<br>DISTILATES   | 100.0 | .0        | .0    | 5.0           | 3.2             | 0.0            |
| MINERAL SPIRITS                    | 500.0 | .0        | 500.0 | 0.0           | 0.0             | 0.0            |

## SECTION VI - HEALTH, FIRST AID AND MEDICAL DATA

| PRIMARY ROUTE(S)<br>OF ENTRY | EFFECTS OF OVEREXPOSURE  | FIRST AID AND<br>MEDICAL INFORMATION  |
|------------------------------|--|---|
| Inhalation                   | <p>Excessive inhalation of vapors can cause nasal and respiratory irritation, nausea, headache, possible unconsciousness, and even asphyxiation. Long term exposure 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<br/>IARC: Yes            NTP: Yes</p> <p>Scleroderma &amp; 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                  | Can cause severe irritation, redness, tearing, blurred vision..  | Flush with large amounts of water for 15 minutes, lifting upper and lower lids occasionally, get medical attention.   |
| Skin Contact                 | <p>Prolonged or repeated contact can cause moderate irritation, defatting, dermatitis.</p> <p>Material is slightly alkaline</p>  | Wipe off paint, then thoroughly wash exposed area with soap and water. Remove contaminated clothing. Launder contaminated clothing before reuse. Consult a physician if severe.                           |
| Ingestion                    | Swallowing may cause gastrointestinal irritation, nausea and vomiting, diarrhea.   | DO NOT INDUCE VOMITING, drink large quantities of water immediately and get medical attention.  |

## 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):<br>Avoid contact with strong oxidizing agents. |                                   |  |   |  |

**Hazardous Decomposition Products:**

Oxides of carbon (CO<sub>2</sub>, CO). If involved in fire (from other sources) could conceivably result in release of carbon dioxide and carbon monoxide fumes.

**Conditions to be Avoided:**

Open flames or sparks.

**SECTION VIII - STORAGE, HANDLING AND USE PROCEDURES**

**Steps to be Taken in Case of Spills:**

Ventilate area. Avoid breathing vapors. Remove all sources of ignition (flame, hot surfaces and electrical, static or any frictional sparks). Wear protective clothing. Dike areas with sand to contain spilled liquid. Absorb with sand and dispose of in approved manner.

**Waste Disposal Method:**

Incinerate or deposit in landfill in accordance with all local, state and federal regulations.

**SECTION IX - PERSONAL PROTECTION INFORMATION**

**Respiratory Protection:** When spraying this material use a NIOSH approved respirator suitable to keep airborne mists and vapor concentration below the TLV value. In poorly ventilated and confined spaces use a fresh air supplying respirator or self-contained breathing apparatus.

**Ventilation:** Sufficient general mechanical ventilation or local exhaust should be provided to keep vapor concentrations below TLV.

**Skin Contact:** Wear protective gloves that are impervious to solvents.

**Eye Protection:** Splash proof safety goggles required at all times.

**SECTION X - SPECIAL PRECAUTIONS**

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:** Keep closures tight and containers upright to prevent leakage. Keep containers closed when not in use. Do not store or use near heat, sparks or flames. Overheating may cause container to rupture. Avoid prolonged breathing or contact with skin.

**OTHER PRECAUTIONS:** Do not use on toys, furniture or surfaces of other articles which might be chewed by children. Drums must not be washed out or used for other purposes. Do not weld or flame cut empty drums. **WEAR A NIOSH APPROVED RESPIRATOR.** This product contains silica quartz which is known in the state of California to cause cancer.

**SECTION XI - REGULATORY INFORMATION**

CERCLA Reportable Quantity: 100 lbs. Xylene.

Section 311/312 Hazard Categories: Immediate (X) Delayed (X) Fire (X) Reactive (X)

Section 313 Toxic Chemicals: Xylene (CAS#1330-20-7)

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