

FIRE Retardants Inc.™

The Decision You Make May Save A Life!

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**MATERIAL SAFETY DATA SHEET
FOR COATINGS, RESINS, AND RELATED MATERIALS**

DATE OF PREP: April 10, 2007

SECTION I

MANUFACTURER'S NAME: Rendered by Manufacturer and Released to: Acoustical Surfaces, Inc.

STREET ADDRESS: 123 Columbia Court North

CITY, STATE, AND ZIP CODE:

Chaska, MN 55318

EMERGENCY TELEPHONE NUMBER: 800-535-5053
(for emergency info only)

PRODUCT CLASS: Varnish

MANUFACTURER'S CODE IDENTIFICATION:

No. 167 Class "A" Low-Gloss Fire
Retardant Varnish Overcoat for No. 166

TRADE NAME: Burn Barrier™

SECTION II - HAZARDOUS INGREDIENTS

| INGREDIENT | PERCENT | ACGIH TLV PPM | OSHA PEL PPM | LEL | VAPOR PRESSURE |
|---|---------|--|--|-----|-------------------|
| Mineral Spirits CAS 8052-41-3 | 51-56 | NE * | NE * | 1.1 | 2.0 |
| * (Stoddard Solvent | | 100 | 100) | | |
| Calcined Siliceous Earth CAS 68855-54-9 | 5-10 | NE | NE | NA | NA |
| The above product may contain Up to 63% cristobalite CAS 14464-46-1 (Crystalline Silica) | | 0.05 mg/m3 (RESPIRABLE CRISTOBALITE) | 0.05 mg/m3 (RESPIRABLE CRISTOBALITE) | | |
| Antimony Oxide CAS 1314-60-9 | 1-3 | NE | 0.5 mg/m3 as Sb | NA | NA |

SECTION III

PHYSICAL DATA

Boiling Range: 318-386F
Evaporation Rate: Slower than ether
Weight Per Gallon: 7.8 lbs.

Vapor Density: Heavier than air
Percent Volatile by Volume: 67
V.O.C. 4.4 lbs./gl. (527 g/L)

SECTION IV

FIRE AND EXPLOSIVE HAZARD DATA

DOT CATEGORY: Paint
Combustible liquid

FLASH POINT: 100F (37.8C) Closed Cup
LEL: 0.7

EXTINGUISHING MEDIA:

Foam, carbon dioxide, dry chemical

UNUSUAL FIRE AND EXPLOSION HAZARDS:

This material is combustible and may be ignited by heat, sparks, flame and static electricity.

SPECIAL FIRE FIGHTING PROCEDURES:

Water not ordinarily effective, solid hose streams tend to spread fire.

SECTION V HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: See Section II

EFFECTS OF OVEREXPOSURE:

Irritating to eyes, defatting to skin; rated slight irritant.

Notice: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the vapors may be harmful or fatal. Medical conditions which may be aggravated: Pre-existing upper respiratory and lung disease such as, but not limited to bronchitis, emphysema, asthma.

Chronic Health Effect: Crystalline silica has been classified as carcinogenic for humans (1) by IARC. It has not been classified as a carcinogen by NTP or OSHA. Crystalline silica is also a known cause of silicosis, a noncancerous lung disease caused by excessive exposure to crystalline silica.

Primary Entry Route(s): Inhalation.

EMERGENCY AND FIRST AID PROCEDURES:

Remove from further exposure, flush affected skin area with water or mild soap and water. Flush eyes with gentle stream of water. See a doctor.

SECTION VI REACTIVITY DATA

STABILITY: Stable

CONDITIONS TO AVOID: Excessive heat, sparks, open flame.

INCOMPATIBILITY (MATERIALS TO AVOID): Strong acids or bases, oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition in the presence of air may yield carbon monoxide and/or carbon dioxide.

HAZARDOUS POLYMERIZATION: Will not occur

SECTION VII SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Wipe up immediately and discard saturated absorbents. In event of large spills, dike area and pump material into waste tank, remove any source of ignition, avoid breathing of vapors.

WASTE DISPOSAL METHOD:

Dispose of in accordance with local, state and federal regulations.

SECTION VIIISPECIAL PROTECTION INFORMATION**RESPIRATORY PROTECTION:**

Self contained breathing equipment, air respirator or air mask where there is an oxygen deficiency.

VENTILATION:

Local Exhaust: Explosion proof type.

PROTECTIVE GLOVES: Yes

EYE PROTECTION: Chemical safety goggles or face shield.

OTHER PROTECTIVE EQUIPMENT: All motors and switches should be explosion proof.

SECTION IXSPECIAL PRECAUTIONS**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:**

Material is classified as a combustible liquid. Keep away from heat and open flame. Use with adequate ventilation. Avoid contact with skin. Do not store at temperatures above 100F.

OTHER PRECAUTIONS:

Avoid skin contact and breathing of vapors and sanding dust. Use with adequate ventilation.

Section 313 Supplier Notification

This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372:

| CAS # | Chemical Name | Percent by Weight |
|-----------|----------------|-------------------|
| 1314-60-9 | Antimony Oxide | 1-3 |

Toxic Substances Control Act (TSCA) Inventory Status:

All materials are listed on the EPA TSCA Inventory of Chemical Substances.

HAZARD RATING SYSTEM:

*) This information is for people trained in:

National Paint & Coatings Association's (NPCA) Hazardous Materials Identification System (HMIS)
National Fire Protection Association (NFPA 704) Identification of the Fire Hazards of Materials

| | NPCA-HMIS | NFPA 704 | KEY |
|--------------|-----------|----------|--------------|
| HEALTH | 1 | 0 | 4 = Severe |
| FLAMMABILITY | 2 | 2 | 3 = Serious |
| REACTIVITY | 0 | 0 | 2 = Moderate |
| | | | 1 = Slight |
| | | | 0 = Minimal |

The information contained herein is based on the data available to us and is believed to be correct. However, we make no warranty, expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. Fire Retardants, Inc. assumes no responsibility for injury from the use of the product described herein.
