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Sandell Nuflex Mastic

MATERIAL SAFETY DATA SHEET

SECTION 1 MATERIAL IDENTIFICATION INFORMATION

Hazardous Components

Occupational Exposure Limits:

Asphalt (Case #8052-42-4)

OSHA PEL: 5MG/M3; ACGIS TLV: 5 MG/M3

Mineral Spirits (Case #8032-32-4)

OSHA PEL: 100 PPM; ACGIS TLV: 5 MG/M3

Chrysotile Asbestos (Case #1332-21-4)

OSHA PEL: 2F/CC; ACGIS TLV: N/A

Slate Flour (Case #1344-36-1)

No Toxic chemical subject to the reporting requirements of section 313 of Title III and of 40 CFR 373 are present.

SECTION 2 PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: 315°F to 900°F (157°C to 482°C)

Specific Gravity (H₂O = 1): 1.0

Vapor Density: Heavier than Air

Vapor Pressure: 68°F (20°C)

Evaporation Rate: Slower than Ether

Solubility in Water: Negligible

Appearance and Odor: Black paste, mild solvent odor.

SECTION 3 FIRE AND EXPLOSION HAZARD DATA

Flash Point: 107°F (42°C)

Method Used: PMCC

Flammability Limits in Air Volume: Lower: 1.0%; Upper 6.0%

Extinguishing Media: Foam, CO₂, dry chemical, water fog

Special Fire Fighting Procedures: Wear self-contained breathing apparatus, water may be unsuitable except as a cooling medium.

Unusual Fire and Explosion Hazards: Keep containers tightly closed, isolated from heat, sparks and open flame. Closed containers may explode when exposed to extreme heat.

SECTION 4 REACTIVITY HAZARD DATA

Stability: Stable

Conditions to Avoid: Extreme heat, open flame.

Incompatibility (Materials to Avoid): Isolate from oxidizers, heat and open flame.

Hazardous Decomposition Products: May produce noxious fumes when heated to decomposition. Fumes may contain carbon monoxide.

Hazardous Polymerization: Will not occur.

SECTION 5 HEALTH HAZARD DATA

Inhalation Health Risks and Symptoms of Exposure: Excessive inhalation of vapors can cause nasal or respiratory irritation, dizziness, nausea, headache, and possible unconsciousness.

Skin and Eye Contact Health Risks and Symptoms of Exposure: Can cause severe irritation, redness, tearing, blurred vision.

Ingestion Health Risk and Symptoms of Exposure: Can cause gastrointestinal irritation, nausea, vomiting, and diarrhea.

Health Hazards (Acute & Chronic): Acute: headaches, dizziness, nausea, irritation; Chronic: loss of appetite, nose bleeds.

Medical Condition Generally Aggravated by Exposure: Pre-existing eye, skin, or respiratory disorders may be aggravated by exposure.

Emergency and First Aid Procedures:

Eye Contact: Flush with water for at least 15 minutes lifting lids, call physician.

Skin Contact: Wash with soap and water.

Inhalation: Remove to fresh air, apply artificial respirator if necessary, call physician.

SECTION 6 CONTROL AND PROTECTIVE MEASURES

Respirator Protection: Respirator in confined area.

Ventilation: Local exhaust recommended.

Protective Gloves: Safety work gloves.

Eye Protection: Safety glasses or goggles.

Other Protective Clothing or Equipment: Eye bath and safety shower.

Work/Hygienic Practices: Wash hands before eating or using restroom. Smoke only in approved areas.

SECTION 7 PRECAUTIONS FOR SAFE HANDLING AND USE/LEAK PROCEDURES

Steps to be Taken in Case Material is Released or Spilled: Remove all sources of ignition, ventilate areas, remove with inert absorbent and non-sparking tools.

Waste Disposal Method: Incinerate under safe condition or dispose in accordance with the local, state, and federal regulations.

Precautions to be Taken in Handling and Storage: Do not breathe vapors, use adequate ventilation. Do not take internally. Do not get in eyes. Wear impervious clothing. Keep away from heat and flame.

Other Precautions: Never use welding or cutting torch on or near container because product can ignite explosively.