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Sandell Rubber Control Joint

MATERIAL SAFETY DATA SHEET

SECTION 1 MATERIAL IDENTIFICATION INFORMATION

Chemical Name: Blended EPDM Compound

Note: None of the information listed on this MSDS should apply to application or use in the finished state. Only under the most adverse condition during the manufacturing state is this data applicable.

SECTION 2 HAZARDOUS INGREDIENTS

Zinc Oxide: CAS # 1314-13-2

Carbon Black: CAS # 1333-86-4

Phenolic Resin: CAS # Not available, probable carcinogen.

SECTION 3 PHYSICAL DATA

Boiling Point: N/A

Vapor Pressure: N/A

Melting Point: N/A

Solubility (H₂O): Insoluble in water.

Specific Gravity: Varies by compound.

Appearance: Amber, white, or gray rubbery solid.

SECTION 4 FIRE AND EXPLOSION HAZARD DATA

Flash Point: N/D

Autoignition: N/D

Flammable Limits in Air: N/D

Extinguishing Media: Water, protein foams and ABC dry powder.

Special Fire Fighting Procedures: Positive-pressure self-contained breathing apparatus (SCBA) must be used. No personnel may expose themselves to vapors or smoke without SCBA. Rubber is a "Class A" combustible that produces toxic combustion products.

SECTION 5 REACTIVITY DATA

Stability: Stable at ambient temperature and pressure.

Incompatibility: None known

Hazardous Polymerization: Will not occur

Hazardous Decomposition: Combustion products include carbon monoxide, carbon dioxide, and small amounts of aromatic and aliphatic hydrocarbons. Smoke from all burning rubber must be considered toxic.

SECTION 6 HEALTH HAZARD DATA

Threshold Limit Value: N/D

Toxic Level: N/D

Specific Hazard(s): All rubber blends may emit processing vapors that are toxic. Good ventilation is needed. Prolonged and/or repeated contact with skin may cause irritation, and inhalation of vapors during processing, can irritate eyes and respiratory tract.

Primary Routes of Entry: Inhalation of processing vapors.

First Aid Procedures:

Inhalation: Remove to fresh air.

Skin Contact: Wash with soap and water.

Toxicology Information: None generated on this material, but the components possess irritant potential. This product is not listed as carcinogenic by IARC, NTP, or OSHA.

SECTION 7 STORAGE, SPILL AND LEAK PROCEDURES

Storage: Store away from sources of heat and light.

Spills: Clean up in a manner consistent with good housekeeping. Handle as a solid waste. Do not flush into public sewer or water systems.

Disposal: Dispose of in accordance with federal, state, and local regulations. This product is not defined as hazardous by current provisions of RCRA. (40CFR261).

SECTION 8 SPECIAL PROTECTION INFORMATION

Ventilation: Local exhaust

Personal Protection Equipment: Avoid skin contact by use of personal protective equipment and good personal hygiene. In the absence of adequate ventilation for hot processing vapors and/or where particular limits are exceeded, use NIOSH-certified respiratory. Protection is required.

SECTION 9 SPECIAL PRECAUTIONS

Unusual Hazards: Limits acrid vapors when exposed to flames. Toxic gases will form during combustion and/or degradation.

Excessive Heat: May ignite at excessive processing temperature. And will produce toxic vapors during combustion and pyrolysis.

Combustibility: Rubber is a "Class A" combustible. When this material burns or degrades, toxic gases and vapors are liberated.