HOHMANN & BARNARD, INC.  
30 RASONS COURT – P.O. BOX 5270 – HAUPPAUGE, NY 11788  
TEL: (631) 234-0600 FAX: (631) 234-0683  
BRANCH OFFICES: ALABAMA – ILLINOIS – MARYLAND – TEXAS

RUBBER  
MATERIAL SAFETY DATA SHEET

HAZARDS

313 Chemical  
Irritant

PRODUCT IDENTIFICATION

CHEMICAL NAME: Blended EPDM compound  
CAS NUMBER: N/A  
CHEMICAL FAMILY: Blended EPDM compound

HAZARDOUS INGREDIENTS

1. Zinc oxide  
   CAS# 1314-13-2  
2. Carbon black  
   CAS# 1333-86-4  
3. Phenolic Resin  
   CAS# Not Available  
   Probable Carcinogen

PHYSICAL DATA

APPEARANCE: Amber, white or gray rubbery solid  
SPECIFIC GRAVITY: Varies by compound  
MELTING POINT: N/A  
VAPOR PRESSURE: N/A  
BOILING POINT: N/A  
SOLUBILITY (H₂O): Insoluble in water

FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N/D  
AUTOIGNITION: N/D  
TEMPERATURE:  
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 himself to vapors or smoke without SCBA. Rubber is a Class A combustible that produces toxic combustion products.

REACTIVITY DATA

STABILITY: Stable at ambient temperature and pressure  
INCOMPATIBILITY: None Known  
HAZARDOUS POLYMERIZATION: Will not occur  
DECOMPOSITION PRODUCTS: Combustion products include carbon monoxide, carbon dioxide, and small amounts of aromatic and aliphatic hydrocarbons. Smoke from all burning rubber must be considered toxic.
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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.

STORAGE, SPILL AND LEAK PROCEDURES

STORAGE: Store away from sources of heat and light.
SPILLS: Clean up in a manner consistent of good housekeeping. Handle as a solid waste. Do not flush into public sewer or water system.
DISPOSAL: Dispose of in accordance with Federal, State and local regulations. This product is not defined as hazardous by current provisions of RCRA. (40CFR261)

SPECIAL PROTECTION INFORMATION

VENTILATION REQUIREMENTS: Local exhaust ventilation is required for all processing operations.

PERSONAL PROTECTION: Avoid skin contact by use of personal protective equipment and good personal hygiene. In absence of adequate ventilation for hot processing vapors and/or where particulate limits are exceeded, use NOISH-certified respiratory protection as required.

SPECIAL PRECAUTIONS

UNUSUAL HAZARDS: Emits acrid vapors when exposed to flames. Toxic gases will form during combustion and/or degradation.
EXCESSIVE HEAT: May ignite at excessive processing temperatures, 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.