

SAFTEY DATA SHEET

SECTION 1

PRODUCT IDENTIFICATION

TRADE NAME: Williams-Goodco Brick Vents

SECTION 2

Hazardous Identification

Effects of Acute Exposure: Acute exposure to this product is not likely to cause any significant acute toxicological effects

Effects of Chronic Exposure: Crystalline silica is considered a hazard by inhalation. IARC has classified crystalline silica as probably carcinogenic for humans. Crystalline silica is also known to cause silicosis, a noncancerous lung disease caused by excessive exposure to silica. Barium exerts a physiological effect on muscle tissue such as bronchial, skeletal, intestinal, arterial, and especially heart muscle. Barium has been observed to effect the neural tissue and the hematopoietic system. Liver tumors were produced in rats at dose levels of 6000 and 12000ppm DEHP. Further studies have shown that the liver tumors probably arose from the ability of DEHP at high doses in rodents to perturb lipid metabolism, to proliferate peroxisomes, or to increase the rate of cell division. Since non-rodent species (including primates) have been shown to be very resistant to these effects, and since DEHP is not genotoxic, DEHP probably presents a negligible carcinogenic risk to humans at exposure levels typical of occupational or consumer use. Oral doses of DEHP that were high enough to cause toxicity in pregnant animals also produced birth defects in their offspring. High oral doses of DEHP given to male animals produced reduced fertility. However, high doses to humans handling this material are not expected since oral consumption is not a likely route of significant exposure. Because this material does not evaporate readily and is not easily absorbed through the skin, it is not expected to produce such effects in humans through inhalation or skin exposure when handled in a manner consistent with the precautionary measures contained in this material safety data sheet.

SECTION 3

Composition/Information on Ingredients

Hazardous Ingredients	%	Exposure Limit	CAS#	LD/50, Route, Species	LC/50 Route, Species
DI (2-Ethylhexyl) Phthalate (DEHP)	10-30	-	117-81-7	N.A.V	N.A.V
Barium Compounds N.O.S	0.1-1	0.5 MG/M3	-	N.A.V	N.A.V
Crystalline Silica, Quartz	<0.2	0.1 MG/M3	14808-60-7	N.A.V	N.A.V

SECTION 4

First Aid Measures

Inhalation:	Remove to fresh air. If breathing has stopped, administer artificial respiration and seek medical attention.
Eyes:	Flush eyes with abundant water. Forcibly hold eyelids apart to ensure complete irrigation of eyelid tissue. If irritation persists, get medical attention.
Skin:	Flush contaminated skin with plenty of water.
Ingestion:	Seek medical attention.

SECTION 5

Fire-fighting Measures

Flammability:	Not flammable
Extinguishing Media:	Water, carbon dioxide, dry chemical
Special Procedures:	Wear self-contained breathing apparatus and complete personal protective equipment when entering confined areas where potential for exposure to vapors or products of combustion exists. Disperse vapor with water spray. Use water spray to cool fire-exposed containers and structures.
Sensitivity to Static Discharge:	May accumulate a static charge which could act as an ignition source
Unusual Fire and Explosion Hazards:	Dense black smoke emitted when burned without sufficient oxygen. Products of combustion are toxic.
Hazardous Combustion Products:	Carbon monoxide. Carbon dioxide. Hydrogen chloride.

SECTION 6

ACCIDENTAL RELEASE MEASURE

Methods for Cleaning Up/ Taking Up:	Sweep, shovel, or vacuum spilled resins into a container for reuse or disposal. Prevent runoff into drains, sewers, and other waterways
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SECTION 7

Handling and Storage

Storage Conditions:	Store in a cool, dry, well ventilated area, away from heat and ignition sources. Store away from incompatible materials.
Handling Procedures:	Keep container closed. Ventilate adequately, otherwise wear an appropriate breathing apparatus. Bond and ground transfer containers and equipment to avoid contact with eyes, skin, and clothing. Handle in accordance with good industrial hygiene and safety practices.

SECTION 8

Exposure Controls/Personal Protection

Respiratory Protection:	None required under normal operating conditions. If exposure exceeds occupational exposure limits, wear a NIOSH approved respirator.
Protective Gloves:	Wear impervious
Eye Protection:	Safety glasses. If there is a potential for exposure to particles which could cause mechanical injury to the eye, wear chemical goggles.
Clothing:	Wear adequate protective clothing.
Other:	Eye bath and safety shower
Additional Information:	PVC contains trace amounts of residual VCM (a cancer suspect agent) which may accumulate by vitalization in enclosed bulk rail cars, bulk trucks, storage silos, bag storage areas and in and around blenders or equipment where heat is applied. Vent the air space above the resin. Other areas should be suitably ventilated and monitored for VCM exposure compliance. Suitable respiratory equipment may be required.

SECTION 9

Physical and Chemical Properties

Physical State: Solid	Specific Gravity (Water = 1): >1.2	Odor: Faint. Characteristic
Evaporation Rate: N/A	pH: N/A	Vapor Density (Air = 1): N/A
Solubility in Water: Insoluble	Boiling Point: N/A	Vapor Pressure (MMHG): N/A

SECTION 10

STABILITY AND REACTIVITY

Stability:	Product stable under normal conditions
Incompatible Substances:	Strong oxidizers
Conditions of Avoid:	Do not heat above 200°C to avoid possible release of hydrogen chloride
Hazardous Polymerization:	Will not occur
Hazardous Decomposition:	Hydrogen chloride gas, carbon monoxide, carbon dioxide

SECTION 11

TOXICOLOGICAL INFORMATION

When used and handled according to specification, the product does not have any harmful effect according to our experience and knowledge

SECTION 12

ECOLOGICAL INFORMATION

Insoluble in water. This material has not been tested for environmental effects.

SECTION 13

DISPOSAL CONSIDERATIONS

Dispose waste according to applicable local, state, and federal regulations
