

ISI BUILDING PRODUCTS®

SAFETY DATA SHEET

FOR VIPER CSX® CRAWL SPACE VAPOR BARRIER

The product(s) below are defined as 'articles', which are exempt from OSHA Safety Data Sheet (SDS) requirements. Therefore, SDS have not been constructed for them. The product(s) should not present a health or safety hazard under recommended or normal use. However, misuse of the product(s) may affect performance or present a potential health and safety hazard. This document was constructed as a courtesy for customers.

IDENTIFICATION

PRODUCT NAME: Viper CSX
DESCRIPTION: Polyethylene on Foam with Metallized Film
RECOMMENDED USE: Crawl Space Vapor Barrier

MANUFACTURER

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HAZARD(S) IDENTIFICATION

Non-hazardous, comprised mainly of polyethylene. Colored and printed fabrics contain small quantities of proprietary pigments that may be health hazards in concentrated form. Contained in the matrix of the fabric, they do not make the fabric hazardous. Polyester film is inert in its physical state and non-reactive.

COMPOSITION/INGREDIENTS

COMPONENT:	CAS NUMBER:
Polyethylene	9002-88-4
Hydrocarbon Gas	68746-86-8
Glycerol Stearate	67701-33-1
Polyester	25038-59-9

FIRST AID MEASURES

Not expected to cause adverse health effects under normal handling and storage conditions.

EYE/SKIN: Prolonged and/or repetitive contact can cause abrasion or irritation. Contact with molten product will burn unprotected skin and eyes. Should a burn occur, cool area immediately with cool, clean, running water until no heat is emitted from area. Cover with light, dry dressing. Obtain medical assistance.

INGESTION: Products should not be eaten. May cause irritation to throat, mouth and stomach.

INHALATION: Avoid breathing dust; it may cause irritation if exposure is prolonged or excessive.

FIREFIGHTING MEASURES

EXTINGUISHING MEDIA: Water Spray, Dry Chemical, Foam

FIREFIGHTING PROCEDURES: For fires, do not enter closed or confined space without proper protection equipment, including self-contained breathing apparatus.

SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS: Wear full protective equipment and a self-contained breathing apparatus.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Fabrics are not highly flammable but will melt and/or burn when exposed to heat or open flame. Avoid contact with molten, dripping plastic. When heated to decomposition, product emits acidic smoke and irritating fumes.

ACCIDENTAL RELEASE MEASURES

Not applicable.

HANDLING & STORAGE

Always keep foam products away from excessive heat and any source of ignition such as sparks or flame.

Products may be slippery to walk on when wet. Charges of static electricity may be generated during handling and processing.

Products are best kept in weather-tight conditions and not exposed to sunlight during storage.

EXPOSURE CONTROLS/PROTECTION

EXPOSURE LIMITS: Not applicable

ENGINEERING CONTROLS: Not applicable

EYE PROTECTION: Not applicable

SKIN PROTECTION: Gloves recommended in cases of repetitive contact.

RESPIRATORY PROTECTION: When respiratory protection is required for certain operations, including but not limited to saw, router, or hot-wire cutting, use an approved air purifying respirator. The following should be effective types of air-purifying respirators: Organic vapor cartridge with a particulate prefilter.

PHYSICAL/CHEMICAL PROPERTIES

AUTO IGNITION TEMPERATURE: Not applicable

BOILING POINT: Not applicable

COLOR: Varies

DENSITY: Not applicable

EVAPORATION RATE: Not applicable

FLASH POINT: Not applicable

MELTING POINT: 95°C (204°F)

PHYSICAL FORM: Solid

PH: Not applicable

SOLUBILITY IN WATER: Nil

SPECIFIC GRAVITY: Not applicable

VAPOR DENSITY: Not applicable

VAPOR PRESSURE: Not applicable

VISCOSITY: Not applicable

VOLATILE PERCENT: Negligible up to 300°C

STABILITY & REACTIVITY

STABILITY: Stable

CONDITIONS TO AVOID: Temperatures above 70°C (158°F)

MATERIALS TO AVOID: Consult manufacturer before using as containment as a barrier for chemicals other than water. Very slightly reactive with oxidizing agents, acids, alkalis.

HAZARDOUS POLYMERIZATION: Not anticipated under normal use

HAZARDOUS DECOMPOSITION: Carbon monoxide, carbon dioxide, oxides of nitrogen and hydrocarbons may be generated during thermal decomposition and combustion. Fumes can be irritating.

TOXICOLOGICAL INFORMATION

Exposure to hazardous chemicals is not anticipated with normal use.

ECOLOGICAL INFORMATION

Not applicable.

DISPOSAL CONSIDERATIONS

Waste product can be recycled where facilities exist, disposed of in a sanitary landfill or incinerated. Check local regulations before disposal. Note that this product is a mixture of polyester and polyethylene.

TRANSPORTATION INFORMATION

These products are not regulated per U.S. DOT, IATA or IMO.

REGULATORY INFORMATION

These products are articles as per TSCA regulations, and therefore exempt from TSCA Inventory listing requirements.

NFPA RATINGS

Health: 0 Flammability: 1 Reactivity: 0 Special: N/A (0-Least, 1-Slight, 2-Moderate, 3-High, 4-Extreme, PPE: Personal Protection Equipment Index recommendation, Chronic Effect Indicator). These values are obtained using the guidelines or published evaluations prepared by the National Fire Protection Association (NFPA).

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