

MATERIAL SAFETY DATA SHEET

VINYL PROFILE EXTRUSIONS

The data presented here applies to all **Loxcreen** rigid, flexible and dual PVC extrusions whose first four digits fall between V0001-V7000. Although the above extrusions may vary in terms of physical properties or other characteristics, safety and handling precautions are similar for all.

SECTION I: PRODUCT IDENTIFICATION

Manufacturers name: The Loxcreen Company, Inc.
Address: P.O. Box 386, Brooklet, Ga. 30415
Phone: 912-842-2439
Chemical Name/Synonyms: Polyvinyl Chloride, PVC, Vinyl
Formula: PVC resin (CH₂CHCl)_n plus functional additives
Chemical Family: Vinyl Resin-Chloroethene Polymer
CAS registry number: Not applicable to extrusions
Transportation Emergency: Telephone CHEMTREC: 800-424-9300
Date: 8/25/95

SECTION II: HAZARDOUS INGREDIENTS

Vinyl profile extrusions are mixtures of PVC resins with various functional additives. Additives are bound up in the manufacturing process and are not expected to create any hazard when handled or processed in accordance with good manufacturing and industrial hygiene practices.

Trace amounts of hydrogen chloride may be generated from the PVC component if overheated. Volatiles from stabilizers, plasticizers, lubricants, etc. which may be generated in trace amounts may prove sensitive to some individuals.

SECTION III: PHYSICAL DATA

Solubility in water: Very Slight
Specific Gravity: Range 1.12-1.75
Appearance & odor: Pigmented or unpigmented extrusions, odorless
Other: Characteristics such as vapor pressure, vapor density, boiling point and evaporation rate are not applicable.

SECTION IV: FIRE AND EXPLOSION HAZARD DATA

Flash ignition and self-ignition temperatures vary somewhat with the composition but should not be lower than the following:

Flash ignition temp.: 300-degrees C

Self-ignition temp.: 410-degrees C

Vinyl extrusions will not support combustion but can be forced to burn by continuous application of intense heat.

Extinguishing Media:

Water is most effective. ABC dry chemical, AFFF and protein type air foams are also effective. Vinyl extrusions are "ordinary combustibles" (NFPA Class A).

Special Fire Fighting Procedure:

Positive pressure self-contained breathing apparatus (SCBA) is suggested during and immediately after a fire.

Combustion Products:

When forced to burn, primary combustion gases will be hydrogen chloride, carbon monoxide, carbon dioxide and aliphatic olefins. Trace amounts of benzene and aliphatic and aromatic hydrocarbons may be present. Hydrogen Chloride has a corrosive effect on many metals and appropriate measures should be taken when exposure occurs.

SECTION V: HEALTH HAZARD DATA

Threshold limit value: None established
Effects of over exposure: None at room temperature

At elevated temperatures vinyl extrusions may emit fumes and vapors that are irritating to the respiratory tract, eyes or skin of some sensitive individuals.

Emergency and First Aid Procedures

If irritation from exposure to processing fumes persists, remove affected individual, call a physician and provide suitable respirator protection.

SECTION VI: REACTIVITY

Stability: Stable
Hazardous Polymerization: Will not occur
Hazardous decomposition products: Hydrogen Chloride, carbon monoxide, carbon dioxide, aliphatic olefins. Trace amounts of benzene and aromatic and aliphatic hydrocarbons.
Incompatibility: Avoid contact with acetyl, acetyl copolymers and amines, all of which cause rapid degradation of vinyl compounds.

SECTION VII: SPILL OR LEAK

Vacuum or sweep into a closed container for reuse or disposal. Dispose of in a licensed landfill or by incineration. If incinerated, be aware that hydrogen chloride is generated.

SECTION VIII: SPECIAL PROTECTION INFORMATION

Ventilation: Provide effective ventilation to draw fumes away from workers to prevent routine inhalation.
Respiratory Protection: Not normally required.
Protective Equipment: Gloves for handling hot materials and safety glasses are recommended for all industrial workplaces.

SECTION IX: SPECIAL PRECAUTIONS

None.

SECTION X: TRANSPORTATION

Vinyl extrusions are not classified as hazardous by the U.S. Dept. of Transportation under Title 49 of the Code of Federal Regulations, 1983 edition.

SECTION XI: HAZARD CODES

	NFPA 704	HMIS
Health:	Moderate	Insignificant
Flammability:	Slight	Slight
Reactivity:	Insignificant	Insignificant

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