

To Our Valued Customers:

The following documents are the Material Safety Data Sheets (MSDS's) of our various product lines for your reference. They have been prepared with information from our suppliers to comply with the Federal Hazard Communication Standard, 29 CFR 1910.1200. The MSDS contains important safety, health and regulatory information that is important to you, your employees and customers who are exposed to these materials.

In Addition, some of the components may be subject to the reporting requirements of Section 313, Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA), 40 CFR Part 372, as well as to the Comprehensive Environmental Response, Conservation and Liability Act of 1980 (CERCLA), 40 CFR Part 302. If you are unsure as to your reporting requirements, or need more information, call the USEPA SARA Hotline: (800) 424-9326, or the Emergency Planning and Community Right-to-Know Act Hotline: (800) 535-0202.

The MSDS is supplied to provide safety, health and environmental information only and must not be used for material specifications.

Please contact your sales person or call us directly if you require further assistance.

Sincerely,

SURESILL, LTD.

IMPORTANT
Liability Disclaimer

The information contained in the referenced Material Safety Data Sheet (MSDS) is believed to be correct as it was obtained from sources we believe are reliable. However, no representations, guarantees or warranties of any kind are made as to its accuracy, suitability for particular applications, hazards connected with the use of the material, variations / methods, conditions and equipment used to store, handle or process the material and hazards connects with the use of the material are solely the responsibility of the user and remain at his/her sole discretion.

Compliance with all applicable federal, state, and local laws and regulations remains the responsibility of the user, and the user has the responsibility to provide a safe work place to examine all aspects of its operation and to determine if or where precautions, in addition to those described herein, are required.

INTEGRATED FLASHING SYSTEM FOR WINDOWS & DOORS

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Revision Date: 02/15/2014

MATERIAL SAFETY DATA SHEET

Product Name: SureSill™ Sloped Sill Pan™, HeadFlash™, HeadFlash-Flex™
Material: PVC

NFPA 704 RATING



SECTION I – COMPONENT DATA:

Chemical Components	C.A.S. Number	%Wt.
Polyvinyl chloride	9002-86-2	>70%
Proprietary additives	Mixture	<30%

Note: Polyvinyl chloride contains residual vinyl chloride in concentrations on the order of 1-10 ppm by weight. Vinyl chloride is a cancer-suspect agent. OSHA Standard 1910.1017 on vinyl chloride sets permissible exposure limit of 1 ppm averaged over an 8-hour period and 5 ppm over any 15-minute period. This standard, however, does not apply to handling or use of "fabricated products," as defined, if not subject to processing sufficient in time or temperature to cause mass melting.

SECTION II PHYSICAL DATA:

Boiling point (°F): Not Applicable (N/A)
Vapor Density (Air =1): N/A
Specific Gravity (H₂O = 1): 1.4
Evaporative Rate (ethyl Ether = 1): N/A

Vapor Pressure (mmHg @ 20°C): N/A
Solubility in Water: Negotiable
Percent Volatile By Volume: N/A
pH Information: N/A

Appearance and Odor: White or green plastic, no odor

SECTION III – FIRE & EXPLOSION HAZARD DATA:

Flash Point (°F): N/A
Flammability Limits (%/Vol): LEL: N/A
Auto-Ignition Temperature (°F): About 850°

Method Used: N/A
UEL: N/A
Extinguishing Media: CO₂, dry chemical, water spray

Special Fire-Fighting Instructions: Wear self-contained breathing apparatus due to presence of hydrogen chloride. Water spray or fog may be helpful in reducing flame intensity and absorbing irritating fumes.

Unusual Fire and Explosion Hazards: Upon prolonged heating, polyvinyl chloride will decompose and form hydrogen chloride (HCl) gas. The decomposed residue will burn in the fashion of a hydrocarbon tar.

SECTION IV REACTIVITY DATA:

Stability (conditions to avoid): Unstable to heat. Decomposes upon prolonged heating, emitting HCl.

Incompatibility (materials to avoid): Soluble in certain ketones and organic solvents.

Hazardous Decomposition Products: CO, CO₂, HCl, unknown hydrocarbons, and trace quantities of vinyl chloride monimer. Vinyl chloride is listed as a carcinogen by IARC.

Hazardous Polymerization: Will not occur.

SECTION V- HEALTH HAZARD DATA:

Primary Route(s) of Entry: Inhalation, skin contact

Effects of Exposure: No toxic effects would be expected from its inert solid form.

Inhalation:

Any Dust generated from cutting this material is considered to be in the nuisance dust category, Nuisance dusts may cause eye, nose and throat irritation. PVC resins contain small but detectable amounts of residual vinyl chloride monomer, a cancer-suspect agent.

Overexposure to decomposition products (CO, CO₂, HCl, and smoke) may cause coughing, pain, inflammation, edema, and desquamation in the upper respiratory tract.

Skin Contact:

Dust may cause irritation and allergic dermatitis.

Eye Contact:

Dust may cause irritation.

Ingestion:

No effects reported.

Medical Conditions Know to be Aggravated by Exposure to this Material:

Persons with lung disorders or diseases or skin disorders may be at an added risk as a result of overexposure to this material.

Exposure Limits:

Chemical	OSHA PEL	ACGIH TLV	NTP	IARC
Components	(mg/m ³)	(mg/m ³)	Listed	Listed
Polyvinyl chloride	None	None	No	No

* Not on Toxic Chemical list (Section 313 SARA)

SECTION VI –EMERGENCY & FIRST-AID PROCEDURES:

Inhalation: In case of overexposure, immediately move person from contaminated area to fresh air. Give artificial respiration if breathing has stopped, or oxygen, if necessary. Seek medical attention, if necessary.

Skin: If irritation develops, remove contaminated clothing immediately, and wash contaminated skin with soap or mild detergent and water for five minutes. If irritation persists, seek medical attention.

Eyes: In case of contact, immediately wash eyes with large amounts of water for fifteen minutes, occasionally lifting the lower and upper lids. Seek medical attention, if necessary.

Ingestion: Seek medical attention, if necessary.

SECTION VII – SPECIAL HANDLING INFORMATION:

Ventilation: Ventilation, as described in the Industrial Ventilation Manual produced by the American Conference of Governmental Industrial Hygienists, shall be provided in areas where exposures are above the permissible exposure limits or threshold limit values specified by OSHA or other local, state, and federal regulations.

Respiratory Protection: A properly fitted, NIOSH-Approved, dust respirator should be worn whenever airborne concentrations exceed the threshold limit value (TLH) or other recommended limits, in accordance with the OSHA Respiratory Protection Standard (29 CFR 1910.134).

Protective Clothing: Not normally required

Eye Protection: Wear safety glasses.

SECTION VIII – SPILL, LEAK & DISPOSAL PROCEDURES:

Action to Take for Spills (use appropriate safety equipment): N/A

Waste Disposal Method: N/A

SECTION IX – SPECIAL PRECAUTIONS/ADDITIONAL INFORMATION:

Precautions to be Taken in Handling and Storage: Polyvinyl chloride can acquire a substantial static electrical charge. Handling and processing equipment should have adequate electrical grounding.

DOT Information:

Hazardous Material Proper Shipping Name: N/A

Hazard Class: N/A

Identification Number: N/A

EPA Hazardous Waste Number: N/A

Additional Information: None

While the information and recommendation are set forth on this data sheet are believed to be accurate as of the present date, SURESILL makes no warranty with respect thereto and disclaims all liability from reliance thereon.