

SDS (SAFETY DATA SHEET)

XJ Shield

(Flexible Polyvinyl Chloride)



Revision: February 2025

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier/Product Name

XJ Shield

Common Name/Other Means of Identification

Flexible PVC expansion joint cover

Chemical Formula

$(C_2H_3Cl)_n$

Recommended, Normal Use/Restrictions on Use

Expansion joint cover for concrete slabs, for exterior use

Use of this product under conditions of high heat or burning applications is not an intended use and is not considered a condition of normal use.

Manufacturer's Name, Address and Phone Number

Trim-A-Slab, LLC
1613 Dakota Street
League City, TX 77573
Tel: (281) 910-5511
www.XJShield.com

2. HAZARD(S) IDENTIFICATION

GHS Classification

XJ Shield is supplied in rolled form. Raw ingredients used in the manufacture of this product that may be considered hazardous remain encapsulated in the PVC under conditions of normal use. This product is not considered to pose physical or health hazards under conditions of normal use based on evaluations by our company and is therefore not classified as hazardous and is exempt as an "article" under the Occupational Safety and Health Administration's Hazard Communication Standard, 29 C.F.R. § 1910.1200.

Signal Word(s)

Not applicable under conditions of normal use.

Hazard Statement(s)/Symbol(s)

Not applicable under conditions of normal use.

Precautionary Statement(s)

Not applicable under conditions of normal use.

Hazards Not Otherwise Classified (HNOC)

Not applicable under conditions of normal use.

Ingredients of Unknown Acute Toxicity

Not applicable under conditions of normal use.

3. COMPOSITION/INFORMATION ON INGREDIENTS

XJ Shield is a fused compound of many ingredients. Typical compositions are listed below. Identities and concentrations of specific chemicals have been withheld as a trade secret.

<u>Component/Chemical Name</u>	<u>Wt. %</u>	<u>Common Name/Synonyms</u>
Polyvinyl Chloride Resin	30 – 40	CAS No. 9002 – 86 – 2
Plasticizers	20 – 30	High molecular esters
Inert Fillers	30 – 40	CaCO ₃ , talc, clay, etc.
Colorants	4 – 5	Organic and inorganic pigments
Heat Stabilizers	6 – 10	Organometallic compounds of barium and/or calcium-zinc

4. FIRST-AID MEASURES

Description of First Aid Measures	Not applicable under conditions of normal use.
Inhalation	Not applicable under conditions of normal use.
Skin and Eye Contact	Not applicable under conditions of normal use.
Ingestion	Not applicable under conditions of normal use.
Most Important Symptoms and Effects, Both Acute and Delayed	Not applicable under conditions of normal use.
Indication of any Immediate Medical Attention and Special Treatment Needs	Not applicable under conditions of normal use.

5. FIRE-FIGHTING MEASURES

Suitable (and Unsuitable) Extinguishing Media	Water, dry chemicals.
Specific Hazards Arising From the Chemical	In the event of fire, decomposition and combustion gases such as hydrogen chloride and carbon monoxide could be emitted. Exposure to combustion products may be fatal and should be avoided.
<i>Special Protective Equipment and Precautions for Firefighters</i>	Wear full bunker gear including a positive pressure self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

None required under conditions of normal use.

7. HANDLING AND STORAGE

Precautions for Safe Handling

Use safe handling practices to avoid injury. This product is not intended to be used under high heat or in burning applications.

Conditions for Safe Storage, including Incompatibilities

Store away from heat. Not intended to be used under high heat or in burning applications.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Exposure Limits
Appropriate Engineering Controls**

Not applicable under conditions of normal use. General ventilation should be sufficient to control odors. Mechanical ventilation may be necessary if product is heated or if used under conditions other than normal use such as burning or high heat.

Individual Protection Measures, Personal Protective Equipment

Use Protective gloves if product is used under conditions other than normal use such as burning or high heat.
Eye protection recommended.

9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance
Odor
Odor Threshold
pH
Melting point/Freezing Point
Initial Boiling Point and Boiling Range
Flash Point
Evaporation Rate
Flammability (solid, gas)
Vapor Pressure
Vapor Density
Relative Density
Solubility(ies)

Partition Coefficient: n-octanol/water
Auto-ignition Temperature
Decomposition Temperature

Extruded shapes of varying size, hardness, and color.
Mild.
Not applicable.
No applicable information available.
320°F
Not applicable.
Not applicable.
Not applicable.
Self-extinguishing
Not applicable.
Not applicable.
1.47
Dissolves in aromatic hydrocarbons, keytones, cyclic esthers
Not applicable.
>800°F
284°F

Viscosity

Not applicable, material is a solid

10. STABILITY AND REACTIVITY

Reactivity

Not applicable.

Chemical Stability

Stable under conditions of normal use.

Possibility of Hazardous Reactions

Not applicable.

Conditions to Avoid

Burning/high heat.

Incompatible Materials

None.

Hazardous Decomposition Products

In the event of fire, decomposition and combustion gases such as hydrogen chloride and carbon monoxide could be emitted. Exposure to combustion products may be fatal and should be avoided.

11: TOXICOLOGICAL INFORMATION

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Information on likely Routes of Exposure

Not applicable under conditions of normal use.

(Inhalation, Ingestion, Skin and Eye Contact)

Symptoms Related to Physical, Chemical and Toxicological Characteristics

Not applicable under conditions of normal use.

Characteristics

Delayed and Immediate Effects, Chronic Effects from Short-and Long-term Exposure

Not applicable under conditions of normal use.

Acute Toxicity Data

NTP Report on Carcinogens (latest edition), Potential Carcinogen under IARC Monographs (latest edition), or by OSHA

Not applicable under conditions of normal use. IARC has determined that there is inadequate evidence of carcinogenicity of a polyvinyl chloride in both animals and humans. The overall evaluation of polyvinyl chloride is Group 3, meaning that it is not classifiable as a carcinogen (IARC Vol. 19, 1979). Polyvinyl chloride is not listed as a carcinogen by OSHA, NIOSH, NTP, IARC or EPA. Some additives used to make PVC compound may contain metals, which in some chemical forms are suspected or confirmed carcinogens. These metals, if present, are bound in the crystalline structure of the additive, and to the supplier's best knowledge, do not present a significant health risk. Additionally,

the additives used are also bound in the polymer matrix and to the best of the supplier's knowledge do not present a significant health risk.

12: ECOLOGICAL INFORMATION

Consult local, state, federal and international regulations for ecological requirements that may apply to this product.

13: DISPOSAL CONSIDERATIONS

Consult local, state, federal and international regulations for disposal requirements that may apply to this product. Flexible PVC is a recyclable material.

14: TRANSPORT INFORMATION

Consult local, state, federal and international regulations for transport requirements that may apply to this product.

15: REGULATORY INFORMATION

Consult local, state, federal and international regulations for additional safety, health and environmental regulations that may apply to this product.

This product is considered an "article" in accordance with EU Regulation EC No. 1907/2006, Registration, Evaluation, Authorization and Restriction of Chemicals (REACH). REACH Substance(s) of Very High Concern (SVHC): DEHP (CAS#117-81-7). Contact VMI if you require information regarding identities and concentrations of specific chemicals that may be subject to regulation under REACH.

This product complies with California Proposition 65: total lead and cadmium content.

This product does not comply with California Proposition 65: phthalates content

16: Other Information

This Safety Data Sheet is provided pursuant to customer requests even though our company has determined that this product is not classified as hazardous and is exempt as an "article" under conditions of normal use under the Occupational Safety and Health Administration's Hazard Communication Standard, 29 C.F.R. § 1910.1200.

This information is provided without express or implied warranties or representations, except that it is accurate to the best of our knowledge based on current scientific evidence.