

GS EJ 2K EP

**MATERIAL SAFETY
DATA SHEET**



GreenShield

Heatshielding & Waterproofing Your Roof

**EXPANSION
JOINT
ADHESIVE**


SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

MATERIAL NAME	GreenShield (GS) Expansion Joint Adhesive (EJ 2k EP)
SYNONYMS	Epoxy Adhesive
PRODUCT USE	Epoxy adhesive for Expansion Joints Tapes and Profile
MANUFACTURER INFORMATION	Zylog Elastocomp E-20/2, MIDC Malegaon, Sinnar, Nashik – 422113, Maharashtra, INDIA Emergency Phone #: +91 255-1230149

SECTION 2: HAZARD IDENTIFICATION

As defined in the OSHA Hazard Communication Standard, 29 CFR 1910.1200, the products listed above are considered articles and do not require an SDS. In addition, articles are not included in the scope of the Globally Harmonization System (GHS). As such, the GHS labeling elements are not included on this SDS. All components listed for this product are bound within the product. When handled as intended and under normal conditions of use, there is no evidence that any of the ingredients are released in amounts that pose a significant health risk. Although these products are not subject to the OSHA Standard or GHS labeling elements, ZYLOG would like to disclose as much health and safety information as possible to ensure that this product is handled and used properly. This SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and be made available for employees and other users of this product. In addition, the recommendations for handling and use of these products should be included in worker training programs.

Primary Route of Exposure	NONE	
Signs & Systems of Exposure	Eyes	Not Applicable
	Skin	Minimize contact during application
	Ingestion	Not Applicable
	Inhalation	Not Applicable
	Acute Health Hazard	Not Applicable
	Chronic Health Hazard	Not Applicable
	Carcinogenicity	Not Applicable

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

CAS	COMPONENT NAME	PERCENTAGE
24969-06-0	EPOXY RESIN	>50
TRADE SECRET	INORGANIC FILLERS & PIGMENT	>5


SECTION 4: FIRST AID MEASURES

Inhalation	Remove from exposure. If feeling unwell obtain medical attention
Skin	Wash immediately with copious quantities of water. Remove contaminated clothing immediately. Obtain medical advice if skin disorders develop.
Eyes	Irrigate immediately with copious quantities of water for several minutes. Obtain medical attention if irritation persists
Ingestion	Wash out mouth with water. Do not induce vomiting. Obtain medical attention
Note to Physicians	Not Applicable

SECTION 5: FIRE FIGHTING MEASURES

Suitable Extinguishing Media	Carbon dioxide, powder, foam or water fog
Unsuitable Extinguishing Media	Water Jets
Hazardous Combustion Products	Toxic gases or vapors, such as carbon monoxide and other organic compounds may be released in a fire.
Advice for fire-fighters	Because fire may produce toxic thermal decomposition products, wear a self-contained breathing apparatus (SCBA) with a full-face piece operated in pressure-demand or positive-pressure mode.
Fire Fighting Measures	Standard procedures. Use self-contained breathing apparatus (SCBA) and protective clothing for structural fire fighting.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures	Wear personal protective clothing and equipment, see Section 8.
Methods and Materials for Containment and Cleaning Up	Avoid the creation of dust in atmosphere. Gather into containers. Residues may be flushed to drain with large volumes of water. Prior consent must be obtained from the local Water Company if discharged to sewer.
Environmental Precautions	Prevent entry into drains, sewers and water courses.

SECTION 7: HANDLING & STORAGE

Precautions for Safe Handling	Avoid skin and eye contact. In case of insufficient ventilation, wear suitable respiratory equipment. Suggest wearing protective gloves. Wash hands thoroughly after handling. KEEP OUT OF REACH OF CHILDREN
Conditions for Safe Storage	Store in Cool and Dry Place


SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Component Exposure Limits	No known exposure limits.
Biological limit value	There are no biological limit values for any of this product's components.
Engineering Controls	Provide adequate ventilation. Ensure compliance with applicable exposure limits.
Individual Protection Measures, such as Personal Protective Equipment Eye/face protection	Sunglasses which filter out ultraviolet light are strongly recommended when white color profile/tapes are used as surface is highly reflective to sunlight.
Skin Protection	Work boots and work clothing recommended.
Respiratory Protection	A respiratory protection program that meets OSHA 1910.134, ANSI Z88.2 and / or CSA Z94.4-93 requirements must be followed whenever workplace conditions warrant use of a respirator.
Glove Recommendations	Wear protective gloves.

SECTION 9: PHYSICAL & CHEMICAL PROPERTIES

APPEARANCE & ODOR	Viscous liquid, Grey colors. Mild odor.		
FLASH POINT	> 150°C	LOWER EXPLOSIVE LIMIT	No Data
METHOD USED:	No Data	UPPER EXPLOSIVE LIMIT:	No Data
EVAPORATION RATE:	No Data	BOILING POINT:	No Data
pH (undiluted product):	No Data	MELTING POINT:	No Data
SOLUBILITY IN WATER:	Insoluble	SPECIFIC GRAVITY:	1.60
VAPOR DENSITY:	No Data	PERCENT VOLATILE:	No Data
VAPOR PRESSURE:	< 0.1	MOLECULAR WEIGHT:	No Data
VOC WITH WATER (LBS/GAL):	No Data	WITHOUT WATER (LBS/GAL):	No Data

SECTION 10: STABILITY & REACTIVITY

Reactivity	No reactivity hazard is expected
Chemical Stability	Stable under normal conditions of use.
Possibility of Hazardous Reactions	Hazardous polymerization will not occur.
Conditions to Avoid	None Known
Materials to Avoid	Strong acids, Strong alkalis, Strong oxidizing agents.
Hazardous decomposition products	Thermal decomposition:- Oxides of carbon. Irritant fumes


SECTION 11: TOXICOLOGICAL INFORMATION

Inhalation	Irritating to respiratory system
Ingestion	May cause irritation of mouth, throat and digestive tract
Skin Contact	Prolonged skin contact can result in chemical burns/irritation
Eye Contact	Irritating and may injure eye tissue if not removed promptly
Acute and Chronic Toxicity	No data available
Immediate & Delayed Effects	No immediate and delayed effects known.
Irritation/Corrosivity Data	My cause skin irritation with repeated contact. No other effects known.
Dermal Sensitization	No data available.
Component Carcinogenicity	No data available.
Germ Cell Mutagenicity	No data available.
Reproductive Toxicity	No data available.
Specific Target Organ Toxicity - Single Exposure	No data available.
Specific Target Organ Toxicity - Repeated Exposure	No data available.
Aspiration hazard	No data available.
Additional Data	No additional information available.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity	Ecotoxic to fish/daphnia/algae.
Component Analysis – Aquatic Toxicity	Toxic to Aquatic system
Persistence and Degradability	Not readily biodegradable
Bioaccumulative Potential	Has the potential to bioaccumulate
Mobility	Viscous liquid. Insoluble in water
Other Toxicity	When used and disposed of as intended, no adverse environmental effects are foreseen

SECTION 13: DISPOSAL CONSIDERATION

DISPOSAL METHODS:	<ol style="list-style-type: none"> (1) Incineration including energy recovery of waste material in a permitted facility in accordance with local, state or federal regulations; (2) Landfilling in a licensed facility in accordance with local, state or federal regulations.
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**SECTION 14: TRANSPORT INFORMATION**

Land Transport	Not Regulated
Air Transport	Not Regulated
Sea Transport	Not Regulated
Label Statement	Not Regulated

SECTION 15: REGULATORY INFORMATION**Safety, health and environmental regulations/legislation specific for the substance or mixture:**

Finished product is not hazardous. Other country/state regulations may apply. Check individual country/state requirements.

SECTION 16: OTHER INFORMATION

The SDS is a Hazard Communication tool and should be used to assist in the Risk Assessment.

This information relates to the specific material designated and may not be valid for such material used on combination with any other materials or in any process. Such information is to the best of our knowledge and belief accurate and reliable as of the date compiled. However, no representation, warranty or guarantee, expressed or implied, is made as to its accuracy, reliability, or completeness. It is the user's responsibility to satisfy himself as to the suitability and completeness of such information for his particular use. We do not accept liability for any loss or damage that may occur from the use of this information.