



ElastiPoxy[®] Joint & Crack Filler Kit



Read before use.

SECTION 1: Product Identification

Product Name: ElastiPoxy™ Joint & Crack Filler Kit - Part A**Product Uses:** ElastiPoxy Joint & Crack Filler Kit is a commercial grade low viscosity, self-leveling, 100% solids, two-component flexible epoxy for a lasting repair and filling of contraction control joints, saw cuts, spalls, and larger cracks in poured concrete and concrete blocks.**Manufacturer:**Novion, Inc.
494 Bridgeport Avenue
Suite 101 336
Shelton, CT 06484-4784
USA**EMERGENCY PHONE NUMBER:**PERS Professional Emergency Response
Service Company Code 10492
1-800-633-8253 (U.S. and Canada)
1-801-629-0667 (International)

SECTION 2: Hazard Identification

Hazard Statement	Category	Code	Hazard Class
May cause allergic skin reaction.	1B	H317	Sensitization.
Causes serious eye irritation.	2	H320	Serious eye irritation.
Causes skin irritation.	2	H315	Skin corrosion/irritation.
May cause respiratory irritation.	3	H335	Specific target organ toxicity.

Symbol**Signal Word:** Warning

Precautionary Statements

Prevention: P284: Wear protective gloves, clothing, eye protection.
P280: Wear protective gloves.
P264: Wash hands thoroughly after handling.
P272: Contaminated work clothing should not be allowed out of the workplace.**General:** P102: Keep our of reach of children.**Response:** P302+P352: IF ON SKIN: Wash with plenty of water.
P333+P313: If skin irritation occurs: Get medical attention.
P362+P364: Take off contaminated clothing and wash before reuse.
P312: Call poison center if you feel unwell.
P305 + 351 + 338: IF IN EYES: Rinse cautiously with water for several minutes.
P337+P313: If eye irritation persists: Get medical advice/attention.

SECTION 3: Composition/Ingredient Information

Chemical Name	% By Weight	Cas Number
Propane, 2,2-bis[p-(2,3-epoxypropoxy)phenyl]-, polymers	85%	25085-99-8
Alkyl(C12-14) glycidyl ether	15%	68609-97-2

SECTION 4: First Aid Measures

Eyes: Flush eyes thoroughly with water for several minutes. Remove contact lenses after the initial 1-2 minutes and continue flushing for several additional minutes. If effects occur, consult a physician, preferably an ophthalmologist. Suitable emergency eye wash facility should be available in work area.
Skin: Remove material from skin immediately by washing with soap and plenty of water. Remove contaminated clothing and shoes while washing. Seek medical attention if irritation persists. Wash clothing before reuse. Discard items which cannot be decontaminated, including leather articles such as shoes, belts and watchbands.
Ingestion: Wash out mouth with water. No special medical response necessary. Product presents low oral toxicity

SECTION 5: Fire Fighting Measures

Special Fire Fighting Measures: Water fog or fine spray. Dry chemical fire extinguishers. Carbon dioxide fire extinguishers. Foam. Alcohol resistant foams (ATC type) are preferred. General purpose synthetic foams (including AFFF) or protein foams may function, but will be less effective. Water fog, applied gently may be used as a blanket for fire extinguishment. During a fire, smoke may contain the original material in addition to combustion products of varying composition which may be toxic and/or irritating. Combustion products may include and are not limited to: Phenolics. Carbon monoxide. Carbon dioxide.

SECTION 6: Accidental Release Measures

Contain and Absorb with materials such as: Sand. Polypropylene fiber products. Polyethylene fiber products. Remove residual with soap and hot water. Collect in suitable and properly labeled containers. Residual can be removed with solvent. Dispose of response equipment and debris in accordance with applicable regulations. Prevent entry into waterways or sewers. Residual can be removed with solvent - Solvents are not recommended for clean-up unless the recommended exposure guidelines and safe handling practices for the specific solvent are followed.

SECTION 7: Handling & Storage

Storage: Store in a cool, dry place in original, unopened containers.**Handling:** Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated contact with skin. Wash thoroughly after handling.**Storage Temperature:** 35.6 – 109.4 °F

SECTION 8: Exposure Controls/Personal Protection

Exposure Limits: None Established**Eye Contact:** Use safety glasses with side shield**Skin Contact:** Wear appropriate protective clothing to prevent repeated or prolonged contact.**Inhalation:** Ensure adequate ventilation to keep exposure to minimum. If specific application requires respiratory protection, an appropriate NIOSH/MSHA approved respirator should be used.**Protective Equipment:** Wear gloves, eye protection, and clothing to minimize skin contact.

Goggles

Gloves





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SECTION 9: Physical & Chemical Properties

Physical State:	Yellow Viscous Liquid	Vapor Pressure:	0.06 mmHg @ 70 °F Literature
Odor:	Mild	Dynamic Viscosity:	700 - 6000 cPs @ 25 °C
Boiling Point:	> 300 °F	Freezing Point:	ND
pH Level:	N/A	Evaporation Rate:	NA
Freezing Point:	ND	Auto-Ignition Temp:	NA
Solubility in Water:	Insoluble	Flashpoint:	350.1 - 375.1 °F
Vapor Density:	N/A	Flammable Limits:	NA

SECTION 10: Stability & Reactivity

Reactivity: No dangerous reaction known under normal conditions of use.

Stability: Stable under recommended storage conditions.

Incompatibles (materials to avoid): Avoid contact with oxidizing materials, acids and bases. Avoid unintended contact with amines.

Hazardous Decomposition Products: Hydrogen.

Hazardous Polymerization: Polymerization will not occur by itself. Masses of more than one pound (0.5 kg) of product plus an epoxide will cause irreversible polymerization with considerable heat build-up.

Carcinogenicity: N/A

Conditions to Avoid: Avoid short term exposures to temperatures above 300 °C (572 °F). Avoid prolonged exposure to temperatures above 250 °C (482 °F). Potentially violent decomposition can occur above 350 °C (662 °F). Generation of gas during decomposition can cause pressure in closed systems. Pressure build-up can be rapid.

SECTION 11: Toxicological Information

Acute Toxicity

Ingestion: Single dose oral LD50 is not determined. Based on information for component(s): LD50, rat > 5,000 mg/kg Dermal: dermal LD50 has not been determined. For the major component(s): LD50, rabbit >20,000 mg/kg.

Inhalation: LC50 has not been determined.

Eye Damage/Eye Irritation: May cause eye damage or eye irritation.

Skin Corrosion/ Skin Irritation: Prolonged contact may cause skin burns and irritation with local redness. Repeated contact may cause skin burns.

Sensitization: Skin contact may cause an allergic skin reaction. A component in this mixture has caused allergic skin reactions in humans.

SECTION 12: Ecological Information

Aquatic Toxicity: Data for Component: Alkyl(C12-14) glycidyl ether. Not expected to be acutely toxic, but material in pellet or bead form may mechanically cause adverse effects if ingested by waterfowl or aquatic life.

Fish Acute & Prolonged Toxicity: LC50, Oncorhynchus mykiss (rainbow trout), static test, 96 h: > 5,000 mg/l LC50, Lepomis macrochirus (Bluegill sunfish), static test, 96 h: 1,800 mg/l

Aquatic Plant Toxicity: EbC50, Pseudokirchneriella subcapitata (green algae), Growth inhibition (cell density reduction), 72 h: 843 mg/l, NOEC, Pseudokirchneriella subcapitata (green algae), Growth inhibition (cell density reduction), 72 h: 500 mg/l.

SECTION 13: Disposal Considerations

Disposal in accordance with local, state, federal regulations.

SECTION 14: Transportation Information

Non-Hazardous material. Not regulated in transportation. DOT (USA) STATUS: Not regulated TDG (CANADA) STATUS: Not regulated

SECTION 15: Regulatory Information

OSHA (PSM 29CFR 1910.119):

Air ICAO Status:

Sea IMDG Status:

U.S Toxic Substances Control Act (TSCA):

SARA Title III Section 312 (40 CFR311/312):

California Proposition 65:

Massachusetts Substance List:

New Jersey Workplace Hazardous Substance List:

Not Regulated

Not Regulated

Not Regulated

All components are listed on the TSCA inventory or are otherwise compliant.

Acutely hazardous.

None

None

None

SECTION 16: Other Information

All statements, technical information and recommendations contained herein are based upon available scientific test or data which we believe to be reliable since we cannot anticipate all conditions under which this information and our products or the products of other manufacturers in combination with our products may be used. Novion, Inc. makes no warranties, express or implied, and assumes no responsibility in connection with any use of this information.

REVISION DATE: 03/2024



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SECTION 2: Hazard Identification

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May cause allergic skin reaction.	1B	H317	Sensitization.
Causes serious eye irritation.	2	H320	Serious eye irritation.
Causes skin irritation.	2	H315	Skin corrosion/irritation.
May be harmful if swallowed.	5	H303	Acute toxicity oral.

Symbol

Signal Word: Warning



Precautionary Statements

Prevention: P284: Wear protective gloves, clothing, eye protection.
P280: Wear protective gloves.
P264: Wash hands thoroughly after handling.
P272: Contaminated work clothing should not be allowed out of the workplace.

General: P102: Keep out of reach of children.

Response: P302+P352: IF ON SKIN: Wash with plenty of water.
P333+P313: If skin irritation occurs: Get medical attention.
P362+P364: Take off contaminated clothing and wash before reuse.
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P305 + 351 + 338: IF IN EYES: Rinse cautiously with water for several minutes.
P337+P313: If eye irritation persists: Get medical advice/attention.

SECTION 3: Composition/Ingredient Information

Chemical Name	% By Weight	Cas Number
Propane, 2,2-bis[p-(2,3-epoxypropoxy)phenyl]-, polymers	5-7%	25085-99-8
Dimer Fatty Acid_Polyethylenepolyamine Adduct	65%	68410-23-1
Benzyl Alcohol	25-30%	100-51-6

SECTION 4: First Aid Measures

Eyes: Flush eyes thoroughly with water for several minutes. Remove contact lenses after the initial 1-2 minutes and continue flushing for several additional minutes. If effects occur, consult a physician, preferably an ophthalmologist. Suitable emergency eye wash facility should be available in work area.

Skin: Remove material from skin immediately by washing with soap and plenty of water. Remove contaminated clothing and shoes while washing. Seek medical attention if irritation persists. Wash clothing before reuse. Discard items which cannot be decontaminated, including leather articles such as shoes, belts and watchbands.

Ingestion: Wash out mouth with water. Seek medical attention immediately. Do not induce vomiting.

SECTION 5: Fire Fighting Measures

Product is non-flammable and non-combustible. Under normal conditions of use, this product will not cause or support fire.

Special Fire Fighting Measures: Container may rupture from gas generation in a fire situation. Violent steam generation or eruption may occur upon application of direct water stream to hot liquids. Dense smoke is emitted when burned without sufficient oxygen.

SECTION 6: Accidental Release Measures

Contain and Absorb with materials such as: Sand. Polypropylene fiber products. Polyethylene fiber products. Remove residual with soap and hot water. Collect in suitable and properly labeled containers. Residual can be removed with solvent. Dispose of response equipment and debris in accordance with applicable regulations. Prevent entry into waterways or sewers.

SECTION 7: Handling & Storage

Storage: Store in a cool, dry place in original, unopened containers.

Handling: Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated contact with skin. Wash thoroughly after handling.

Storage Temperature: 35.6 – 109.4 °F

SECTION 8: Exposure Controls/Personal Protection

Eye Contact: Use safety glasses with side shield

Skin Contact: Wear appropriate protective clothing to prevent repeated or prolonged contact.

Inhalation: Ensure adequate ventilation to keep exposure to minimum. If specific application requires respiratory protection, an appropriate NIOSH/MSHA approved respirator should be used.

Protective Equipment: Wear gloves, eye protection, and clothing to minimize skin contact.



Goggles



Gloves





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SECTION 9: Physical & Chemical Properties

Physical State:	Viscous Liquid	Vapor Pressure:	ND
Odor:	Slight - ammonia	Dynamic Viscosity:	2700 - 6000 cPs @ 25 °C
Boiling Point:	> 300 °F	Freezing Point:	ND
pH Level:	N/A	Evaporation Rate:	NA
Freezing Point:	ND	Auto-Ignition Temp:	NA
Solubility in Water:	Insoluble	Flashpoint:	350.1 - 375.1 °F
Vapor Density:	N/A	Flammable Limits:	NA

SECTION 10: Stability & Reactivity

Stability: Stable under recommended storage conditions.

Incompatibles (materials to avoid): Avoid contact with oxidizing materials, acids and bases. Avoid unintended contact with amines.

Hazardous Decomposition Products: Hydrogen.

Hazardous Polymerization: Polymerization will not occur by itself. Masses of more than one pound (0.5 kg) of product plus an epoxide will cause irreversible polymerization with considerable heat build-up.

Carcinogenicity: N/A

SECTION 11: Toxicological Information

Acute Toxicity

Ingestion: Single dose oral LD50 is not determined. Based on information for component(s): LD50, rat > 5,000 mg/kg Dermal: dermal LD50 has not been determined. For the major component(s): LD50, rabbit >20,000 mg/kg.

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Eye Damage/Eye Irritation: May cause eye damage or eye irritation.

Skin Corrosion/ Skin Irritation: Prolonged contact may cause skin burns and irritation with local redness. Repeated contact may cause skin burns.

Sensitization: Skin contact may cause an allergic skin reaction. A component in this mixture has caused allergic skin reactions in humans.

SECTION 12: Ecological Information

Aquatic Toxicity: Product is believed to be non-toxic to aquatic life.

SECTION 13: Disposal Considerations

Disposal in accordance with local, state, federal regulations.

SECTION 14: Transportation Information

Non-Hazardous material. Not regulated in transportation. DOT (USA)
STATUS: Not regulated

SECTION 15: Regulatory Information

OSHA (USA) Status:

OSHA (PSM 29CFR 1910.119):

Air ICAO Status:

Sea IMDG Status:

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Massachusetts Substance List:

New Jersey Workplace Hazardous Substance List:

Hazardous

Not Regulated

Not Regulated

Not Regulated

All components are listed on the TSCA inventory or are otherwise compliant.

Acutely hazardous (irritant).

None

None

None

SECTION 16: Other Information

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