



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.

ElastiPoxy
 Epoxy Joint & Crack Filler

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)

SYMBOL



SECTION 2: HAZARD IDENTIFICATION

CODE	HAZARD STATEMENT	HAZARD CLASS	CATEGORY	SIGNAL WORD
H317	May cause allergic skin reaction.	Sensitization	1B	Warning
H320	Causes serious eye irritation.	Serious eye irritation	2	
H315	Causes skin irritation.	Skin corrosion/irritation	2	
H335	May cause respiratory irritation.	Specific target organ toxicity	3	

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.

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.

GENERAL

P102: Keep out of reach of children.

SECTION 3: COMPOSITION/INGREDIENT INFORMATION

INGREDIENTS	% BY WEIGHT	CAS #
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 AND 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.





SECTION 9: PHYSICAL AND 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

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SECTION 10: STABILITY AND 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

CONDITONS 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):

Not regulated

AIR ICAO STATUS:

Not regulated

SEA IMDG STATUS:

Not regulated

U.S Toxic Substances Control Act (TSCA):

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

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

Acutely hazardous.

CALIFORNIA PROPOSITION 65:

None

MASSACHUSETTS SUBSTANCE LIST:

None

NEW JERSEY WORKPLACE HAZARDOUS SUBSTANCE LIST:

None

REVISION DATE: 02/2020

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.



SECTION 1: PRODUCT IDENTIFICATION

PRODUCT NAME: ElastiPoxy™ Joint & Crack Filler Kit - PART B
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CODE	HAZARD STATEMENT	HAZARD CLASS	CATEGORY	SIGNAL WORD
H317	May cause allergic skin reaction.	Sensitization	1B	Warning
H320	Causes serious eye irritation.	Serious eye irritation	2	
H315	Causes skin irritation.	Skin corrosion/irritation	2	
H303	May be harmful if swallowed.	Acute toxicity oral	5	

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.

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.

GENERAL

P102: Keep out of reach of children.

DISPOSAL

P501: Dispose of contents/container in accordance with local, federal regulation.

SECTION 3: COMPOSITION/INGREDIENT INFORMATION

INGREDIENTS	% BY WEIGHT	CAS #
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

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SECTION 7: HANDLING AND 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.





SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE	Viscous Liquid	KINEMATIC VISCOSITY	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

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SECTION 10: STABILITY AND 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.

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: 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
TDG (CANADA) STATUS: Not regulated

SECTION 15: REGULATORY INFORMATION

OSHA (USA) STATUS:	Hazardous
OSHA (PSM 29CFR 1910.119):	Not regulated
AIR ICAO STATUS:	Not regulated
SEA IMDG STATUS:	Not regulated
U.S Toxic Substances Control Act (TSCA):	All components are listed on the TSCA inventory or are otherwise compliant
SARA Title III Section 312 (40 CFR311/312):	Acutely hazardous (irritant)
CALIFORNIA PROPOSITION 65:	None
MASSACHUSETTS SUBSTANCE LIST:	None
NEW JERSEY WORKPLACE HAZARDOUS SUBSTANCE LIST:	None

REVISION DATE: 02/2021

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.