

Pan-Patch™

**RESIN SDS
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**HARDENER SDS
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Pan-Patch™ Resin

SECTION 1. IDENTIFICATION

PRODUCT IDENTIFIER:

Pan-Patch™

OTHER MEANS OF IDENTIFICATION:

PANPATCH(resin); PANPATCH-BAG(resin)

RECOMMENDED USE OF THE CHEMICAL:

Please see label for instruction

RESTRICTIONS ON USE:

None known

MANUFACTURED BY:

DiversiTech Corporation
3039 Premiere Parkway
Suite 600
Duluth, GA 30097

INFORMATION PHONE #: 1 800.995.2222

EMERGENCY PHONE #: 1 800.255.3924 Chem-Tel
(Chemical Emergencies)

SECTION 2. HAZARD IDENTIFICATION

CLASSIFICATION OF THE CHEMICAL:

Eye Irritation, category 2a

Skin Irritation, category 2

Sensitization – Skin, category 1

HAZARD SYMBOL(S):

SIGNAL WORD: Warning

HAZARD STATEMENT(S)

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

PRECAUTIONARY STATEMENT(S)

P102 Keep out of reach of children.

P261 Avoid breathing vapors.

P264 Wash hands and exposed skin thoroughly after handling.

P272 Contaminated work clothing must not be allowed out of the workplace.

P280 Wear protective gloves and eye protection.

P321 Specific treatment (see FIRST AID section on this label).

P403 Store in a well-ventilated place.

P501 Dispose of container in accordance with local regulations

RESPONSE

P302+334

IF ON SKIN: Wash with plenty of water.

P333+313

If skin irritation or rash occurs: Get medical advice.

P363

Wash contaminated clothing before reuse.

P305+351+338

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do, continue rinsing.

P337+313

If eye irritation persists: Get medical advice.

Pan-Patch[™] Resin

HAZARD(S) NOT OTHERWISE CLASSIFIED:

None known

0% of the chemical consists of ingredient(s) of unknown acute toxicity.

NOTE:

Labeling elements found on this SDS may be different from labeling elements found on the label. Safety Data Sheets are regulated by OSHA (29 CFR §1910.1200) while the actual product and its label may be regulated by a different government agency. Please contact the responsible party in Section 1 if you have any questions.

SECTION 3. INFORMATION ON INGREDIENTS

INGREDIENT	CAS No.	COMPOSITION, wt%	GHS CLASSIFICATION(S)
2-(chloromethyl)oxirane;4-[2-(4-hydroxyphenyl)propan-2-yl]phenol	25068-38-6	80-90%	Eye Irrit. 2a; Skin Irrit. 2; Skin Sens 1; Aqua 2

TRADE SECRET CLAIM:

When applicable, the specific concentration of each hazardous ingredient is considered a TRADE SECRET. Chemical names and identifiers will be listed in exact composition weight and name when not subject to trade secret exemptions.

NOTE:

This product may contain other ingredients that are not required to be disclosed on this safety data sheet or product label in accordance with 19 CFR §1910.1200. Any ingredient not listed on either the SDS or label is not considered hazardous to health and shouldn't pose a risk to the user.

SECTION 4. FIRST AID MEASURES

GENERAL FIRST AID MEASURES:

If medical attention is required due to exposure then be sure to take product label or safety data sheet when seeking medical care.

MOST IMPORTANT SYMPTOMS:

Skin rash/irritation as it may be an allergic reaction.
May cause skin and eye irritation.

IF INHALED:

Move person to fresh air and keep at a comfortable position for breathing. Administer artificial respiration if person is not breathing.

IF ON SKIN:

Wash with soap and water. Take off contaminated clothing and wash it before reuse.

IF IN EYES:

Rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

IF SWALLOWED:

Do NOT induce vomiting unless instructed to do so by a trained medical professional. Rinse mouth with water.

INDICATION OF IMMEDIATE MEDICAL ATTENTION:

Not anticipated to require immediate medical attention.

Pan-Patch™ Resin

SECTION 5. FIRE-FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA:

Carbon dioxide, sand, powder extinguisher, dry chemical.

UNSUITABLE EXTINGUISHING MEDIA:

None known.

SPECIFIC HAZARDS:

None known.

HAZARDOUS COMBUSTION PRODUCTS:

None known.

SPECIAL PROTECTIVE EQUIPMENT:

Not determined.

PRECAUTIONS FOR FIRE-FIGHTERS:

Not determined.

SECTION 6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS:

Remove non-emergency personnel from the area in an orderly fashion.

PROTECTIVE EQUIPMENT:

Use appropriate chemical-resistant gloves and eye protection.

EMERGENCY PROCEDURE(S):

Cover drains to prevent spill from entering waterways. Evacuate non-emergency personnel from the area. Shut off all sources of ignition.

METHODS FOR CONTAINMENT:

Cover drains and ventilate area to prevent vapor build-up.

REFERENCES:

See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment. See Section 13 for disposal information.

METHODS FOR CLEAN UP:

Shovel into closeable container and offer for disposal.

SECTION 7. HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING:

Keep away from all ignition sources. Do not smoke while handling.

CONDITIONS FOR SAFE STORAGE:

Keep cool in a well-ventilated place away from sunlight. Ensure local and adequate ventilation. Keep container tightly sealed in its original container.

STORAGE INCOMPATIBILITIES:

None known.

SECTION 8. EXPOSURE CONTROLS

INGREDIENT

CAS No.

PEL

AGCIH

NIOSH

2-(chloromethyl)oxirane;4-[2-(4-hydroxyphenyl)propan-2-yl]phenol

25068-38-6

n/a

n/a

n/a

GENERAL NOTE:

Practice good industrial hygiene. Wash hands after handling and use.

APPROPRIATE ENGINEERING CONTROLS:

Ensure mechanical ventilation.

EYE/FACE PROTECTION:

Eye protection is recommended. Wear goggles or another form of chemically resistant eye protection.

SKIN PROTECTION:

Skin protection is required. Wear gloves suitable for chemical protection.

Pan-Patch™ Resin

RESPIRATORY PROTECTION:

No anticipated protective equipment is required.

ENVIRONMENTAL PROTECTION:

No anticipated protective equipment is required.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Clear liquid.

pH: 5.

MELTING POINT: <0°F.

FLASHPOINT: Not determined.

FLAMMABILITY: Not determined.

VAPOR PRESSURE: Not determined.

VAPOR DENSITY: Not determined.

SOLUBILITY: Negligible.

AUTO-IGNITION: Not determined.

VISCOSITY: Not determined.

ODOR: None.

ODOR THRESHOLD: Not determined.

BOILING POINT: Not determined.

EVAPORATION RATE: Not determined.

UPPER EXPLOSIVE %: Not determined.

LOWER EXPLOSIVE %: Not determined.

RELATIVE DENSITY: 1.14.

PARTITION COEFFICIENT: Not determined.

DECOMPOSITION TEMP: Not determined.

SECTION 10. STABILITY AND REACTIVITY

REACTIVITY:

Not anticipated to be reactive.

CHEMICAL STABILITY:

Chemical is anticipated to be stable in normal storage conditions.

HAZARDOUS REACTIONS:

None known.

CONDITIONS TO AVOID:

Heat, sources of ignition, direct sunlight, etc.

INCOMPATIBLE MATERIALS:

Not determined.

HAZARDOUS DECOMPOSITION PRODUCTS:

None known.

SECTION 11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY ESTIMATES:

Oral – Contains no ingredient(s) considered toxic.

Dermal – Contains no ingredient(s) considered toxic.

Inhalation – Contains no ingredient(s) considered toxic.

SKIN CORROSION/IRRITATION:

Causes skin irritation.

EYE DAMAGE/IRRITATION:

Causes serious eye irritation.

SENSITIZATION:

Respiratory: Contains no ingredient(s) applicable to this category.

Skin: May cause an allergic skin reaction.

GERM CELL MUTAGENICITY:

Contains no ingredient(s) applicable to this category.

REPRODUCTIVE TOXICITY:

Contains no ingredient(s) applicable to this category.

CARCINOGENICITY:

Contains no ingredient(s) applicable to this category.

ASPIRATION HAZARD:

Contains no ingredient(s) applicable to this category.

SPECIFIC TARGET ORGAN TOXICITY – SINGLE EXPOSURE:

Contains no ingredient(s) applicable to this category.

SYMPTOMS RELATED TO CHARACTERISTICS:

Not determined.

SPECIFIC TARGET ORGAN TOXICITY – REPEATED EXPOSURE:

Contains no ingredient(s) applicable to this category.

Pan-Patch™ Resin

NATIONAL TOXICOLOGY PROGRAM LISTING:
No ingredients listed.

INTERNATIONAL AGENCY FOR REACH ON
CANCER LISTING:
No ingredients listed.

DELAYED AND IMMEDIATE EFFECT FROM SHORT-
AND LONG-TERM EXPOSURE:
Not determined.

SECTION 12. ECOLOGICAL INFORMATION

ECOTOXICITY:
Algae – >1 mg/L.
Fish – >1 mg/L.
Crustacea – >1 mg/L.

MOBILITY IN SOIL:
Not determined.

PERSISTENCE AND DEGRADABILITY:
Not determined.

BIOACCUMULATIVE POTENTIAL:
Not determined.

OTHER ADVERSE EFFECTS:
None known.

SECTION 13. DISPOSAL CONSIDERATIONS

DISPOSAL OF EMPTY CONTAINERS:
Please recycle container with a licensed recycling company.

DISPOSAL OF FULL OR PARTIALLY FULL CONTAINERS:
Dispose in accordance with all local regulations. Contact a licensed waste management company for questions on disposal procedures.

SECTION 14. TRANSPORT INFORMATION

HAZARD PLACARD:



UN PROPER SHIPPING NAME: Environmentally hazardous liquids, n.o.s.
HAZARD CLASS: 9
PACKAGING GROUP: III
ENVIRONMENTAL HAZARD: Yes.
TRANSPORT IN BULK: Not determined.
SPECIAL PRECAUTIONS: Do not ship with excessive weight on top. Keep in original containers.

UN NUMBER: UN3082
(IATA/IMDG)
LTD QTY: <5 L

Pan-Patch[™] Resin

SECTION 15. REGULATORY INFORMATION

SARA:

311 – No applicable ingredient(s).

312 – No applicable ingredient(s).

313 – No applicable ingredient(s).

TSCA INVENTORY LIST:Each ingredient is on the TSCA inventory list as
ACTIVE.**HMIS®III: (higher numbers indicate higher risk)**

Health, 1

Flammability, 1

Physical Hazard, 1

RIGHT-TO-KNOW:

None listed.

CALIFORNIA:

Prop 65: No ingredient(s) listed.

ARB Designation: Not regulated.

VOC Limit: Not determined.

NFPA®: (higher numbers indicate higher risk)

Health, 1

Flammability, 1

Instability, 0

SECTION 16. OTHER INFORMATION

REVISION: 2

REVISION DATE: April 2022

REVISION PURPOSE:

Revision based on the new data in relation to formula.

GENERAL DISCLAIMER:

All information appearing herein is based upon data obtained from manufacturers and/or recognized technical sources. While the information is believed to be accurate, we make no representations as to its accuracy or sufficiency. Conditions of use are beyond our control, therefore users are responsible for verifying the data under their own operating conditions to determine whether the product is suitable for their particular purposes and they assume all risks of their use, handling, and disposal of the product. Users also assume all risks in regards to the publications of use of, or reliance upon, information contained herein. This information relates only to the product designated herein, and does not relate to its use in combination with any other material or process.

SDS AUTHORED BY:

Cogwork Consulting Group

www.cogworkconsulting.com

Pan-Patch™ Hardener

SECTION 1. IDENTIFICATION

PRODUCT IDENTIFIER:

Pan-Patch™

OTHER MEANS OF IDENTIFICATION:

PANPATCH(hardener); PANPATCH-BAG(hardener)

RECOMMENDED USE OF THE CHEMICAL:

Please see label for instruction

RESTRICTIONS ON USE:

None known

MANUFACTURED BY:

DiversiTech Corporation
3039 Premiere Parkway
Suite 600
Duluth, GA 30097

INFORMATION PHONE #: 1 800.995.2222

EMERGENCY PHONE #: 1 800.255.3924 Chem-Tel
(Chemical Emergencies)

SECTION 2. HAZARD IDENTIFICATION

CLASSIFICATION OF THE CHEMICAL:

Skin Irritation, category 2

HAZARD SYMBOL(S):



SIGNAL WORD: Warning

HAZARD STATEMENT(S)

H315 Causes skin irritation.

PRECAUTIONARY STATEMENT(S)

P102 Keep out of reach of children.

P264 Wash hands and exposed skin thoroughly after handling.

P280 Wear protective gloves and eye protection.

P321 Specific treatment (see FIRST AID section on this label).

RESPONSE

P302+334

IF ON SKIN: Wash with plenty of water.

P332+313

If skin irritation: Get medical advice.

P362+364

Take off contaminated clothing and wash it before reuse.

HAZARD(S) NOT OTHERWISE CLASSIFIED:

None known

0% of the chemical consists of ingredient(s) of unknown acute toxicity.

NOTE:

Labeling elements found on this SDS may be different from labeling elements found on the label. Safety Data Sheets are regulated by OSHA (29 CFR §1910.1200) while the actual product and its label may be regulated by a different government agency. Please contact the responsible party in Section 1 if you have any questions.

Pan-Patch™ Hardener

SECTION 3. INFORMATION ON INGREDIENTS

INGREDIENT	CAS No.	COMPOSITION, wt%	GHS CLASSIFICATION(S)
Poly[oxy(methyl-1,2-ethanediyl)], .alpha.-(2-aminomethylethyl)-.omega.-(2-aminomethylethoxy)-	9046-10-0	80-100%	Skin Corrosion 1; Aquatic Toxicity 3

TRADE SECRET CLAIM:

When applicable, the specific concentration of each hazardous ingredient is considered a TRADE SECRET. Chemical names and identifiers will be listed in exact composition weight and name when not subject to trade secret exemptions.

NOTE:

This product may contain other ingredients that are not required to be disclosed on this safety data sheet or product label in accordance with 19 CFR §1910.1200. Any ingredient not listed on either the SDS or label is not considered hazardous to health and shouldn't pose a risk to the user.

SECTION 4. FIRST AID MEASURES

GENERAL FIRST AID MEASURES:

If medical attention is required due to exposure then be sure to take product label or safety data sheet when seeking medical care.

IF INHALED:

Move person to fresh air and keep at a comfortable position for breathing. Administer artificial respiration if person is not breathing.

IF IN EYES:

Rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

INDICATION OF IMMEDIATE MEDICAL ATTENTION:

Not anticipated to require immediate medical attention.

MOST IMPORTANT SYMPTOMS:

Causes skin irritation.

IF ON SKIN:

Wash with soap and water. Take off contaminated clothing and wash it before reuse.

IF SWALLOWED:

Do NOT induce vomiting unless instructed to do so by a trained medical professional. Rinse mouth with water.

SECTION 5. FIRE-FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA:

Carbon dioxide, sand, powder extinguisher, dry chemical.

UNSUITABLE EXTINGUISHING MEDIA:

None known.

SPECIFIC HAZARDS:

None known.

HAZARDOUS COMBUSTION PRODUCTS:

None known.

SPECIAL PROTECTIVE EQUIPMENT:

Not determined.

PRECAUTIONS FOR FIRE-FIGHTERS:

Not determined.

Pan-Patch™ Hardener

SECTION 6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS:

Remove non-emergency personnel from the area in an orderly fashion.

EMERGENCY PROCEDURE(S):

Cover drains to prevent spill from entering waterways. Evacuate non-emergency personnel from the area. Shut off all sources of ignition.

REFERENCES:

See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment. See Section 13 for disposal information.

PROTECTIVE EQUIPMENT:

Use appropriate chemical-resistant gloves and eye protection.

METHODS FOR CONTAINMENT:

Cover drains and ventilate area to prevent vapor build-up.

METHODS FOR CLEAN UP:

Absorb into sand or absorbent material and shovel into a closeable container. Offer for disposal.

SECTION 7. HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING:

Keep away from all ignition sources. Do not smoke while handling.

STORAGE INCOMPATIBILITIES:

None known.

CONDITIONS FOR SAFE STORAGE:

Keep cool in a well-ventilated place away from sunlight. Ensure local and adequate ventilation. Keep container tightly sealed in its original container.

SECTION 8. EXPOSURE CONTROLS

INGREDIENT

Poly[oxy(methyl-1,2-ethanediyl)], .alpha.-(2-aminomethylethyl)-.omega.-(2-aminomethylethoxy)-

CAS No.

9046-10-0

PEL

n/a

AGCIH

n/a

NIOSH

n/a

GENERAL NOTE:

Practice good industrial hygiene. Wash hands after handling and use.

APPROPRIATE ENGINEERING CONTROLS:

Ensure mechanical ventilation.

EYE/FACE PROTECTION:

Eye protection is recommended. Wear goggles or another form of chemically resistant eye protection.

SKIN PROTECTION:

Skin protection is required. Wear gloves suitable for chemical protection.

RESPIRATORY PROTECTION:

No anticipated protective equipment is required.

ENVIRONMENTAL PROTECTION:

No anticipated protective equipment is required.

Pan-Patch[™] Hardener

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Clear liquid.
pH: 11.16.
MELTING POINT: <0°F.
FLASHPOINT: Not determined.
FLAMMABILITY: Not determined.
VAPOR PRESSURE: Not determined.
VAPOR DENSITY: Not determined.
SOLUBILITY: Negligible.
AUTO-IGNITION: Not determined.
VISCOSITY: Not determined.

ODOR: Ammonia-like.
ODOR THRESHOLD: Not determined.
BOILING POINT: Not determined.
EVAPORATION RATE: Not determined.
UPPER EXPLOSIVE %: Not determined.
LOWER EXPLOSIVE %: Not determined.
RELATIVE DENSITY: 0.96.
PARTITION COEFFICIENT: Not determined.
DECOMPOSITION TEMP: Not determined.

SECTION 10. STABILITY AND REACTIVITY

REACTIVITY:
Not anticipated to be reactive.

CHEMICAL STABILITY:
Chemical is anticipated to be stable in normal storage conditions.

HAZARDOUS REACTIONS:
None known.

CONDITIONS TO AVOID:
Heat, sources of ignition, direct sunlight, etc.

INCOMPATIBLE MATERIALS:
Strong acids, oxidizers, and bases.

HAZARDOUS DECOMPOSITION PRODUCTS:
None known.

SECTION 11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY ESTIMATES:
Oral – Contains no ingredient(s) considered toxic.
Dermal – Contains no ingredient(s) considered toxic.
Inhalation – Contains no ingredient(s) considered toxic.

SENSITIZATION:
Respiratory: Contains no ingredient(s) applicable to this category.
Skin: Contains no ingredient(s) applicable to this category.

REPRODUCTIVE TOXICITY:
Contains no ingredient(s) applicable to this category.

ASPIRATION HAZARD:
Contains no ingredient(s) applicable to this category.

SYMPTOMS RELATED TO CHARACTERISTICS:
Not determined.

DELAYED AND IMMEDIATE EFFECT FROM
SHORT- AND LONG-TERM EXPOSURE:
Not determined.

SKIN CORROSION/IRRITATION:
Mean Corrositix[®] time in minutes >60; not considered corrosive but will act as a skin irritant.

EYE DAMAGE/IRRITATION:
May irritate eyes if exposed.

GERM CELL MUTAGENICITY:
Contains no ingredient(s) applicable to this category.

CARCINOGENICITY:
Contains no ingredient(s) applicable to this category.

SPECIFIC TARGET ORGAN TOXICITY – SINGLE
EXPOSURE:
Contains no ingredient(s) applicable to this category.

SPECIFIC TARGET ORGAN TOXICITY – REPEATED
EXPOSURE:
Contains no ingredient(s) applicable to this category.

Pan-Patch™ Hardener

NATIONAL TOXICOLOGY PROGRAM LISTING:
No ingredients listed.

INTERNATIONAL AGENCY FOR REACH ON CANCER LISTING:
No ingredients listed.

SECTION 12. ECOLOGICAL INFORMATION

ECOTOXICITY:
Algae – >10 mg/L.
Fish – >10 mg/L.
Crustacea – >10 mg/L.

PERSISTENCE AND DEGRADABILITY:
Not determined.

MOBILITY IN SOIL:
Not determined.

BIOACCUMULATIVE POTENTIAL:
Not determined.

OTHER ADVERSE EFFECTS:
None known.

SECTION 13. DISPOSAL CONSIDERATIONS

DISPOSAL OF EMPTY CONTAINERS:
Please recycle container with a licensed recycling company.

DISPOSAL OF FULL OR PARTIALLY FULL CONTAINERS:
Dispose in accordance with all local regulations. Contact a licensed waste management company for questions on disposal procedures.

SECTION 14. TRANSPORT INFORMATION

HAZARD PLACARD: Not regulated.
UN NUMBER: Not regulated.
LTD QTY: Not regulated.

UN PROPER SHIPPING NAME: Not regulated.
HAZARD CLASS: Not regulated.
PACKAGING GROUP: Not regulated.
ENVIRONMENTAL HAZARD: No.
TRANSPORT IN BULK: Not determined.
SPECIAL PRECAUTIONS: Do not ship with excessive weight on top. Keep in original containers.

SECTION 15. REGULATORY INFORMATION

SARA:
311 – No applicable ingredient(s).
312 – No applicable ingredient(s).
313 – No applicable ingredient(s).

RIGHT-TO-KNOW:
None listed.

TSCA INVENTORY LIST:
Each ingredient is on the TSCA inventory list as ACTIVE.

CALIFORNIA:
Prop 65: No ingredient(s) listed.
ARB Designation: Not regulated.
VOC Limit: Not determined.

HMIS®III: (higher numbers indicate higher risk)
Health, 2
Flammability, 1
Physical Hazard, 1

NFPA®: (higher numbers indicate higher risk)
Health, 2
Flammability, 1
Instability, 0

Pan-Patch™ Hardener

SECTION 16. OTHER INFORMATION

REVISION: 2
REVISION DATE: April 2022

REVISION PURPOSE:
Revision based on the new data in relation to formula.

GENERAL DISCLAIMER:

All information appearing herein is based upon data obtained from manufacturers and/or recognized technical sources. While the information is believed to be accurate, we make no representations as to its accuracy or sufficiency. Conditions of use are beyond our control, therefore users are responsible for verifying the data under their own operating conditions to determine whether the product is suitable for their particular purposes and they assume all risks of their use, handling, and disposal of the product. Users also assume all risks in regards to the publications of use of, or reliance upon, information contained herein. This information relates only to the product designated herein, and does not relate to its use in combination with any other material or process.

SDS AUTHORED BY:
Cogwork Consulting Group
www.cogworkconsulting.com