Safety Data Sheet
acc. to OSHA HCS

Printing date 11/09/2025 Reviewed on 11/09/2025

*

1 Identification

Product identifier
Trade name: IMPAC PATCH
Article number: VGIIMPABL1, VCIXEPABL1, VAYIXEPABL1, VAYIXEPABL2
Application of the substance / the mixture: Treatment of cracks, fissures and critical points.

Details of the supplier of the safety data sheet
Manufacturer/Supplier:
POLIMEROS, ADHESIVOS Y DERIVADOS S.A. DE C.V.
JOSE ELEUTERIO GONZALEZ 900 PTE.
SANTA CATARINA, NUEVO LEON, MEXICO
CP. 66350
Phone: +52 81 50002020
Emergency telephone number: +52 81 50002138

2 Hazard(s) identification

Classification of the substance or mixture

GHS07

Acute Toxicity - Oral 4	H302 Harmful if swallowed.
Skin Irritation 2	H315 Causes skin irritation.
Eye Irritation 2A	H319 Causes serious eye irritation.
Sensitization - Skin 1	H317 May cause an allergic skin reaction.

Label elements
GHS label elements
The product is classified and labeled according to the Globally Harmonized System (GHS).
Hazard pictograms

GHS07

Signal word Warning
Hazard statements
H302 Harmful if swallowed.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H317 May cause an allergic skin reaction.
Precautionary statements

P261	Avoid breathing dust/fume/gas/mist/vapors/spray
P264	Wash thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P272	Contaminated work clothing must not be allowed out of the workplace.
P280	Wear protective gloves / eye protection / face protection.
P301+P312	If swallowed: Call a poison center/doctor if you feel unwell.
P330	Rinse mouth.
P302+P352	If on skin: Wash with plenty of water.

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P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P362+P364 Take off contaminated clothing and wash it before reuse.
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
P321 Specific treatment (see on this label).
P337+P313 If eye irritation persists: Get medical advice/attention.
P363 Wash contaminated clothing before reuse.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Classification system:
NFPA ratings (scale 0 - 4)
Health = 1
Fire = 0
Reactivity = 0
HMIS-ratings (scale 0 - 4)
Health = 1
Fire = 0
Reactivity = 0
Other hazards
Results of PBT and vPvB assessment
PBT: Not applicable.
vPvB: Not applicable.

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3 Composition/information on ingredients

Chemical characterization: Mixtures
Description:
Mixture: consisting of the following components.

Component	CAS Registry	Concentration
Acrylic/styrene copolymer	N/A Mixture	40.0 - 50.0 %
Calcium carbonate	471-34-1	40.0 - 50.0 %
Titanium dioxide	13463-67-7	0 - 2.0 %
Red iron oxide	1309-37-1	0 - 2.0 %
Pentanediol Monoisobutyrate	25265-77-4	0.5 – 1.5 %

Additional information: For the wording of the listed hazard phrases refer to section 16.

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4 First-aid measures

Description of first aid measures
General information:
Remove the victim immediately from the danger area. If the patient is unwell consult a doctor and present this data sheet.

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After inhalation: Supply fresh air; consult doctor in case of complaints.
After skin contact:
Remove contaminated clothes and shoes. Rinse immediately with plenty of water for at least 15 min.
If skin irritation continues, consult a doctor.
After eye contact:
Remove contact lenses, if present and if it is easy to do. Wash eyes with plenty of clean and lukewarm water for at least 10 minutes while pulling eyelids up, and seek medical assistance. Don't let the person to rub the affected eye.
After swallowing:
Rinse out mouth with water. Do not induce vomiting. Seek medical attention and present this data sheet.
Information for doctor: None
Most important symptoms and effects, both acute and delayed
No further relevant information available.
Indication of any immediate medical attention and special treatment needed
No further relevant information available.

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5 Fire-fighting measures

Extinguishing media
Suitable extinguishing agents:
CO2, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
Special hazards arising from the substance or mixture
Carbon monoxide (CO)
Carbon dioxide (CO2)
Advice for firefighters
Protective equipment: Wear self-contained respiratory protective device.

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6 Accidental release measures

Personal precautions, protective equipment and emergency procedures
Wear protective equipment. Keep unprotected persons away.
Keep away from ignition sources
Particular danger of slipping on leaked/spilled product.
Environmental precautions:
Inform respective authorities in case of seepage into water course or sewage system.
Do not allow product to reach sewage system or any water course.
Methods and material for containment and cleaning up:
Absorb the spillage using sand or inert absorbent and move it to a safe place. Do not absorb with sawdust or other combustible absorbents.
Dispose of the collected material according to regulations.
Reference to other sections
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.
Protective Action Criteria for Chemicals

PAC-1:
None of the ingredients is listed.

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PAC-2:
None of the ingredients is listed.
PAC-3:
None of the ingredients is listed.

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7 Handling and storage

Handling:
Precautions for safe handling
Keep receptacles tightly sealed.
Open and handle receptacle with care.
Ensure good ventilation/exhaustion at the workplace.
Prevent formation of aerosols.

Conditions for safe storage, including any incompatibilities
Storage:
Requirements to be met by storerooms and receptacles:
Store only in unopened original receptacles.
Information about storage in one common storage facility: Store away from foodstuffs.
Further information about storage conditions:
Protect from heat and direct sunlight.
Store in dry conditions.
Store in a cool place.
Specific end use(s) No further relevant information available.

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8 Exposure controls/personal protection

Additional information about design of technical systems: No further data; see section 7.

Control parameters
Components with limit values that require monitoring at the workplace:

CAS No. Designation of material	%	Type	Value Unit
CAS: 471-34-1 Calcium Carbonate			
PEL			Long-term value: 15* 5** mg/m³ *total dust **respirable fraction
REL			Long-term value: 10* 5** mg/m³ *total dust **respirable fraction
TLV			TLV withdrawn
CAS: 13463-67-7 titanium dioxide			
PEL			Long-term value: 15* mg/m³ *total dust
REL			See Pocket Guide App. A
TLV			Long-term value: 0.2* 2.5** mg/m³ resp. fraction, *nanoscale,**finescale, A3

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Exposure controls
Personal protective equipment:
General protective and hygienic measures:
The usual precautionary measures for handling chemicals should be followed.
Keep away from foodstuffs, beverages and feed.
Do not eat, drink, smoke or sniff while working.
Wash hands before breaks and at the end of work.
Store protective clothing separately.
Avoid contact with the eyes and skin.
Use a moisturising skin cream after processing the product.
Protection of hands: Protective gloves
Material of gloves Butyl rubber, BR
Eye protection: Protective eyewear (standard EN 166)
Body protection: Protective work clothing

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9 Physical and chemical properties

Information on basic physical and chemical properties	
General Information	
Appearance:	
Form:	Liquid
Color:	According to product specification White or terracotta.
Odor:	Characteristic
Odor threshold:	Not determined.
pH-value at 25 °C (77 °F):	9 - 10
Change in condition	
Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	>100 °C @ 760 mm Hg
Flash point:	>100 °C (Closed cup-Literature)
Flammability:	Not applicable.
Auto igniting:	Not determined.
Decomposition temperature:	Not determined.
Ignition temperature:	Product is not self-igniting.
Danger of explosion:	Product does not present an explosion hazard.
Explosion limits:	
Lower:	Not determined.
Upper:	Not determined.
Oxidizing properties	Not determined.
Vapor pressure:	Not determined.
Density at 25 °C (77 °F):	1.38 - 1.48 g/cm³ (11.517 - 12.351 lbs/gal) (ASTM D1475-13)
Bulk density:	Not applicable.

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Relative density	Not determined.
Vapor density	Not determined.
Evaporation rate	Not determined.
Solubility in / Miscibility with	
Water:	Miscible
Partition coefficient (n-octanol/water):	Not determined.
Viscosity:	
Dynamic at 25 °C (77 °F):	140 000 - 155 000 cP(Brookfield)
	Not determined.
Kinematic:	Not determined.
Solvent separation test	Not applicable.
Solvent content:	
Solids content:	67.0 - 71.0 %
Other information	VOC: <50 g/l

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10 Stability and reactivity

Reactivity
This product can react with some agents under certain conditions. See the other points in this section
Chemical stability Stable at recommended storage conditions
Thermal decomposition / conditions to be avoided:
No decomposition if used according to specifications.
Possibility of hazardous reactions Reacts with acids.
Conditions to avoid Contact with incompatible materials.
Incompatible materials:
Acids
Soluble salts of calcium and magnesium.
Hazardous decomposition products:
Carbon monoxide and carbon dioxide
Nitrogen oxides (NOx)

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11 Toxicological information

Information on toxicological effects
Acute toxicity:
LD/LC50 values that are relevant for classification:

Components	Type	Value	Species
CAS: 471-34-1 Calcium Carbonate			
Oral	LD50	>2,000 mg/kg (Rat)	
Dermal	LD50	>2,000 mg/kg (Rat)	
CAS: 13463-67-7 titanium dioxide			
Oral	LD50	>5,000 mg/kg (Rat)	

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Primary irritant effect:
on the skin: Irritant to skin and mucous membranes.
on the eye:
Strong irritant with the danger of severe eye injury.
Irritating effect.
Sensitization: Sensitization possible through skin contact.
Additional toxicological information:
The product shows the following dangers according to internally approved calculation methods for preparations:
Irritant
Harmful

Carcinogenic categories

IARC (International Agency for Research on Cancer)
None of the ingredients is listed.
NTP (National Toxicology Program)
None of the ingredients is listed.
OSHA-Ca (Occupational Safety & Health Administration)
None of the ingredients is listed.

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12 Ecological information

Toxicity
Aquatic toxicity: Not classified as harmful to aquatic life

Type of test	**Effective concentration**	**Method**	**Assessment**
CAS: 471-34-1 Calcium Carbonate			
EC50/72h	14 mg/l (Algae)		
CAS: 13463-67-7 titanium dioxide			
IC50/72h	1 mg/l (Fish)		
LC50/48h	>100 mg/l (aquatic invertebrates)		
LC50/96h	>100 mg/l (Fish)		
EC50/48h	>100 mg/l (aquatic invertebrates)		
EC50/72h	>100 mg/l (Algae)		
NOEC (72h)	≥10 mg/l (aquatic algae and cyanobacteria)		
NOEC (96h)	≥1 mg/l (aquatic plants other than algae)		
NOEC (21d)	≥100 mg/l (aquatic invertebrates)		
NOEC (28d)	≥100 mg/l (aquatic invertebrates)		
	≥0.07 mg/l (Fish)		

Persistence and degradability No further relevant information available.
Behavior in environmental systems:
Bioaccumulative potential No further relevant information available.
Mobility in soil No further relevant information available.
Additional ecological information:

General notes: Do not allow product to reach ground water, water course or sewage system.

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Results of PBT and vPvB assessment
PBT: Not applicable.
vPvB: Not applicable.
Other adverse effects No further relevant information available.

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13 Disposal considerations

Waste treatment methods
Waste disposal key:
The classification in a waste code according to the european waste catalogue (EWC) is to be made in accordance with the regional responsable for waste disposal

Uncleaned packagings:
Recommendation:
Packagings that cannot be cleansed are to be disposed of in the same manner as the product.
Non contaminated packagings can be reused.
Recommended cleansing agent: Water

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14 Transport information

UN-Number **DOT, ADR, IMDG, IATA**	No aplicable. No aplicable.
UN proper shipping name	No aplicable.
Transport hazard class(es)	No aplicable.
Packing group	No aplicable.
Environmental hazards:	Not applicable.
Special precautions for user	Not applicable.
Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.

15 Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture
No further relevant information available.
TSCA (Toxic Substances Control Act):

Hazardous Air Pollutants
None of the ingredients is listed.

GHS label elements
The product is classified and labeled according to the Globally Harmonized System (GHS).

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Hazard pictograms

GHS07

Signal word Warning
Hazard statements
H302 Harmful if swallowed.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H317 May cause an allergic skin reaction.
Precautionary statements

P261	Avoid breathing dust/fume/gas/mist/vapors/spray
P264	Wash thoroughly after handling.
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P272	Contaminated work clothing must not be allowed out of the workplace.
P280	Wear protective gloves / eye protection / face protection.
P301+P312	If swallowed: Call a poison center/doctor if you feel unwell.
P330	Rinse mouth.
P302+P352	If on skin: Wash with plenty of water.
P305+P351+P338	If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P362+P364	Take off contaminated clothing and wash it before reuse.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P321	Specific treatment (see on this label).
P337+P313	If eye irritation persists: Get medical advice/attention.
P363	Wash contaminated clothing before reuse.
P501	Dispose of contents/container in accordance with local/regional/national/ international regulations.

Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Department issuing SDS: R&D
Contact:
José Urquidi
+52 81 5000 2120
jose.urquidi@impac.com.mx
Date of preparation / last revision 02/27/2025 / -
Abbreviations and acronyms:
ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
DOT: US Department of Transportation
IATA: International Air Transport Association
IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)
ICAO: International Civil Aviation Organisation
EINECS: European Inventory of Existing Commercial Chemical Substances

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ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
NFPA: National Fire Protection Association (USA)
HMIS: Hazardous Materials Identification System (USA)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
OSHA: Occupational Safety & Health
TLV: Threshold Limit Value
PEL: Permissible Exposure Limit
REL: Recommended Exposure Limit
Acute Toxicity - Oral 4: Acute toxicity – Category 4
Skin Irritation 2: Skin corrosion/irritation – Category 2
Eye Irritation 2A: Serious eye damage/eye irritation – Category 2A
Sensitization - Skin 1: Skin sensitisation – Category 1

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