

SAFETY DATA SHEET

SECTION 1: IDENTIFICATION OF THE MIXTURE AND OF THE COMPANY/UNDERTAKING

- 1.1. Product identifier:
61-860259-000-P Injecta-Patch Epoxy Polymer 14 oz.
- Alternate Names: Injecta-Patch Epoxy Polymer 14 oz. (300 ML)
- 1.2. Relevant identified uses of the mixture and uses advised against:
 See Technical Data Sheet. For professional use.
- 1.3. Details of the supplier of the safety data sheet:
Brunswick Bowling Products, LLC
 525 W. Laketon Ave.
 Muskegon, MI 49441. USA
- 1.3.1. Responsible person: -
 E-mail: brunswick.hu@brunswickbowling.com
- 1.4. Emergency telephone number: 24 hour Emergency Telephone No.: CHEMTEL +1 813-248-0585
 Customer Service: Brunswick Bowling Products, LLC: 231-725-4966

SECTION 2: HAZARDS IDENTIFICATION

- 2.1. Classification of the mixture:
 Classification according to Regulation 1272/2008/EC (CLP):
Not considered as hazardous mixture.
 Warning **H statements:** none.
- 2.2. Label elements:
 Warning **H statements:** none.
 Precautionary **P statements:**
P332 + P313 – If skin irritation occurs: Get medical advice/attention.
EUH 210 – Safety data sheet available on request.
- 2.3. Other hazards:
 Causes mild skin irritation.
 Results of PBT and vPvB assessment: this product contains no PBT/vPvB chemicals.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

- 3.1. Substance:
 Not applicable.
- 3.2. Mixture:

Description	CAS number	EU number	REACH reg. nr.	Conc. (%)	Classification: 1272/2008/EC (CLP)		
					Hazard pict.	Hazard cat.	H phrase
2,4,6-Tris (dimethylaminomethyl) phenol Index number: 603-069-00-0	90-72-2	202-013-9	-	5 - 10	GHS07 Warning	Acute Tox. 4 Eye Irrit. 2 Skin Irrit. 2	H302 H319 H315

For the full text of H phrases: see Section 16.

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures:

General:

In all cases of doubt, or when symptoms persist, seek medical attention.

Never give anything by mouth to an unconscious person.

IN CASE OF INGESTION:

Measures:

- If swallowed obtain immediate medical attention.
- Keep at rest.
- Do NOT induce vomiting.

IN CASE OF INHALATION:

Measures:

- Remove to fresh air, keep patient warm and at rest.
- If breathing is irregular or stopped, give artificial respiration.
- If unconscious place in the recovery position and obtain immediate medical attention.
- Give nothing by mouth.

IN CASE OF SKIN CONTACT:

Measures:

- Remove contaminated clothing.
- Wash skin thoroughly with soap and water or use a recognized skin cleanser.

IN CASE OF EYE CONTACT:

Measures:

- In case of contact with eyes flush with water holding eyelids apart and moving the eyeballs (for at least 15 minutes).
- Obtain medical help.

4.2. Most important symptoms and effects, both acute and delayed:

Overview

No irritating effects.

Skin: Causes mild skin irritation.

4.3. Indication of any immediate medical attention and special treatment needed:

No data available.

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media:

5.1.1. Suitable extinguishing media:

CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

Choose extinguishing media depending on surrounding fire.

5.1.2. Unsuitable extinguishing media:

None known.

5.2. Special hazards arising from the substance or mixture:

Hazardous decomposition: hydrogen sulphide, carbon monoxide, sulphur oxides (SO_x), carbon dioxide.

5.3. Advise for firefighters:

Wear self-contained respiratory protective device. Wear fully protective suit.

Do not inhale explosion gases or combustion gases.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures:

6.1.1. For non-emergency personnel:

Keep unprotected people away, allow only well trained experts wearing suitable protective clothing to abide in the field of accident.

6.1.2. For emergency responders:

Put on appropriate personal protective equipment (see section 8).

6.2. Environmental precautions:

Do not allow spills to enter drains or waterways.

6.3. Methods and material for containment and cleaning up:

Collect the spilled product with non-combustible absorbent (sand, diatomite, acid binders, universal binders, sawdust), then place into a suitable, closed, properly labelled chemical waste container for removal/disposal.

Flush area with water to remove residues.

6.4. Reference to other sections:

For further and detailed information see section 8 and 13.

SECTION 7: HANDLING AND STORAGE7.1. Precautions for safe handling:

Observe conventional hygiene precautions.
 Wash hands before eating, drinking, smoking or using toilet.
 Promptly remove soiled clothing and wash thoroughly before reuse.

Technical measures:

No special measures required.

Precautions against fire and explosion:

No special measures required.

See section 2 for further details.

7.2. Conditions for safe storage, including any incompatibilities:

Technical measures and storage condition:

Store only in the original receptacle.

Store indoors.

Incompatible materials: strong acids, strong bases, strong oxidizers, epoxy resins.

Packaging material: no special prescriptions.

See section 2 for further details.

7.3. Specific end use(s):

No specific instructions available.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION8.1. Control parameters:

Occupational exposure limit values:

The components of the mixture are not regulated with exposure limit value.

DNEL		Routes of exposure	Exposure frequency:	Remarks:
Worker	Consumer			
no data available	no data available	Dermal	Short term (acute) Long term (repeated)	no data available
no data available	no data available	Inhalative	Short term (acute) Long term (repeated)	no data available
no data available	no data available	Oral	Short term (acute) Long term (repeated)	no data available

PNEC			Exposure frequency:	Remarks:
Water	Soil	Air		
no data available	no data available	no data available	Short term (single use) Long term (continuous)	no data available
no data available	no data available	no data available	Short term (single use) Long term (continuous)	no data available
no data available	no data available	no data available	Short term (single use) Long term (continuous)	no data available

8.2. Exposure controls:

In case of a hazardous material with no controlled concentration limit it is the employer's duty to keep concentration levels down to a minimum achievable by existing scientific and technological means, where the hazardous substance poses no harm to workers.

8.2.1. Appropriate engineering controls:

In pursuance of work is proper foresight needed to avoid spilling onto clothes and floors and to avoid contact with eyes and skin.

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and any vapor below occupational exposure limits suitable respiratory protection must be worn. Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

See section 2 for further details.

8.2.2. Individual protection measures, such as personal protective equipment:

1. Eye/face protection: goggles recommended during refilling (EN 166).

2. Skin protection:
 - a. Hand protection: use appropriate protective gloves (EN 374). Material: neoprene, butyl-rubber, or nitrile-rubber.
 - b. Other: use appropriate protective clothes. Use chemical resistant, impermeable clothing including gloves and either an apron or body suit to prevent skin contact.
 3. Respiratory protection: if workers are exposed to concentrations above the exposure limit they must use the appropriate, certified respirators.
 4. Thermal hazards: none known.
- 8.2.3. Environmental exposure controls:
No specific prescription.
- The requirements detailed in Section 8 assume skilled work under normal conditions and usage of the product for appropriate aims. If conditions differ from normal or work is carried out under extreme conditions an expert's advice should be sought out before deciding upon further protective measures.**

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties:

Parameter	Test method:	Remarks:
1. Appearance:		liquid; colour varies according to product specification
2. Odour:		smells like rotten eggs
3. Odour threshold:		no data available
4. pH value:		no data available
5. Melting point/ freezing point:		no data available
6. Initial boiling point and boiling range:		no data available
7. Flash point:		259 °C (498 °F)
8. Evaporation rate:		no data available
9. Flammability (solid, gas):		not applicable
10. Upper/lower flammability or explosive limits:		no data available
11. Vapour pressure:		no data available
12. Vapour density:		no data available
13. Relative density:		no data available
14. Solubility(ies):		not miscible or difficult to mix with water
15. Partition coefficient: n-octanol/water:		no data available
16. Auto-ignition temperature:		not self-igniting
17. Decomposition temperature:		no data available
18. Viscosity:		no data available
19. Explosive properties:		no data available
20. Oxidizing properties:		no data available

9.2. Other information:

Percent Solids (by weight) 100 %
Organic Solvents: 0 %.

SECTION 10: STABILITY AND REACTIVITY

- 10.1. Reactivity:
Hazardous Polymerization will not occur.
- 10.2. Chemical stability:
Stable under normal circumstances.
- 10.3. Possibility of hazardous reactions:
Hazardous polymerization may occur if mixed with epoxy resins. Excessive exothermic reactions will occur when mixed with epoxy resins in large masses (>100 grams).
- 10.4. Conditions to avoid:
None known.
- 10.5. Incompatible materials:
Strong acids, strong bases, strong oxidizers, epoxy resins.
- 10.6. Hazardous decomposition products:
Hydrogen sulphide, carbon monoxide, sulphur oxides (SO_x), carbon dioxide.

SECTION 11: TOXICOLOGICAL INFORMATION11.1. Information on toxicological effects:

Acute toxicity: none known.
 Skin corrosion/irritation: none known.
 Serious eye damage/eye irritation: none known.
 Respiratory or skin sensitisation: none known.
 Germ cell mutagenicity: none known.
 Carcinogenicity: none known.
 Reproductive toxicity: none known.
 STOT-single exposure: none known.
 STOT-repeated exposure: none known.
 Aspiration hazard: none known.

11.1.1. For substances subject to registration, brief summaries of the information derived from the test conducted:

No data available.

11.1.2. Relevant toxicological properties of the hazardous substances:

Acute toxicity:

2,4,6-Tris(dimethylaminomethyl)phenol (CAS: 90-72-2):

LD50 (oral, rat): 1200 mg/kg

LD50 (dermal, rat): 1280 mg/kg

Note: When no route specific LD50 data is available for an acute toxin, the converted acute toxicity point estimate was used in the calculation of the product's ATE (Acute Toxicity Estimate).

Carcinogen data:

CAS No.	Ingredient	Source	Value
90-72-2	2,4,6-Tris (dimethylaminomethyl)phenol	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No

11.1.3. Information on likely routes of exposure:

Ingestion, inhalation, skin contact, eye contact.

11.1.4. Symptoms related to the physical, chemical and toxicological characteristics:

No irritating effects.

Skin: Causes mild skin irritation.

11.1.5. Delayed and immediate effects as well as chronic effects from short and long-term exposure:

No data available.

11.1.6. Interactive effects:

No data available.

11.1.7. Absence of specific data:

No information.

11.1.8. Other information:

No data available.

SECTION 12: ECOLOGICAL INFORMATION12.1. Toxicity:

No data available.

12.2. Persistence and degradability:

No data available.

12.3. Bioaccumulation potential:

No data available.

12.4. Mobility in soil:

No data available.

12.5. Results of PBT and vPvB assessment:

This product contains no PBT/vPvB chemicals.

12.6. Other adverse effects:

Water hazard class 1 (Self-assessment): slightly hazardous for water.

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

SECTION 13: DISPOSAL CONSIDERATIONS

- 13.1. Waste treatment methods:
Disposal according to the local regulations.
- 13.1.1. Information regarding the disposal of the product:
Smaller quantities can be disposed of with household waste.
European Waste Code:
For this product no waste disposal key according the European Waste Catalogue (EWC) can be determined, as only the purpose of application defined by the user enables an allocation. The European waste code number has to be determined after a discussion with a specialist dealing with waste disposal.
- 13.1.2. Information regarding the disposal of the packaging:
Dispose according to the relevant regulations.
- 13.1.3. Physical/chemical properties that may affect waste treatment options shall be specified:
None known.
- 13.1.4. Sewage disposal:
None known.
- 13.1.5. Special precautions for any recommended waste treatment:
No data available.

SECTION 14: TRANSPORT INFORMATION

Not dangerous good in sense of the transport regulations.

- 14.1. UN Number:
None.
- 14.2. UN proper shipping name:
None.
- 14.3. Transport hazard class(es):
None.
- 14.4. Packaging group:
None.
- 14.5. Environmental hazards:
Marine Pollutant: no.
- 14.6. Special precautions for user:
No relevant information available.
- 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code:
Not applicable.

SECTION 15: REGULATORY INFORMATION

- 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture:
REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC

REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006

Commission Regulation (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)
- 15.2. Chemical safety assessment: no information available.

SECTION 16: OTHER INFORMATION

Information regarding the revision of the safety data sheet:

The safety data sheet has been revised according to Regulation (EU) 2015/830 (Section 1-16).

Full text of the abbreviations in the safety data sheet:

DNEL: Derived no effect level. PNEC: Predicted no effect concentration. CMR effects: carcinogenicity, mutagenicity and toxicity for reproduction. PBT: Persistent, bioaccumulative and toxic. vPvB: Very Persistent, Very Bioaccumulative. n.d.: not defined. n.a.: not applicable.

Data sources:

previous version of the safety data sheet (14. 03. 2016.)

Methods used for the classification according to Regulation 1272/2008/EC: based on the calculation method carried out on the basis of the known hazards of the components, not considered as hazardous mixture.

Relevant H-Phrases (number and full text) of Section 2 and 3:

H302 – Harmful if swallowed.

H315 – Causes skin irritation.

H319 – Causes serious eye irritation.

Training advice: no data available.

This safety data sheet had been prepared on the basis of information provided by the manufacturer/supplier and conform to the relevant regulations.

The information, data and recommendations contained herein are provided in good faith, obtained from reliable sources and believed to be true and accurate as of the date issued; however, no representation is made as to the comprehensiveness of the information. The SDS shall be used only as a guide for handling the product; in the course of handling and using the product other considerations may arise or be required.

Users are cautioned to determine the appropriateness and applicability of the above information to their particular circumstances and purposes and assume all risk associated with the use of this product. It is the responsibility of the user to fully comply with local, national and international regulations concerning the use of this product.

Safety data sheet was prepared by: ToxInfo Kft.

Professional help regarding the explanation of the safety data sheet:
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