



INDUSTRIAL STRIPING SUPPLIES

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Safety Data Sheet Epoxy Bump Adhesive Part B

SECTION 1: Identification

1.1 Product identifier

Product name	Epoxy Bump Adhesive Part B
Brand	Industrial Striping Supplies

1.2 Other means of identification Epoxy Adhesive Part B

1.3 Recommended use of the chemical and restrictions on use Mix with Epoxy Adhesive Part A for use of adhering bumps/delineators to pavement surfaces.

1.4 Supplier's details

Name	Industrial Striping Supplies
Address	1395 Fairplex Drive LaVerne, CA 91750 USA
Telephone	(909) 957-4204

1.5 Emergency phone number(s)

1-909-957-4204 USA
+1-909-957-4204 (outside the USA)

SECTION 2: Hazard identification

Safety Data Sheet

Epoxy Bump Adhesive Part B

2.1 Classification of the substance or mixture

- Toxic to reproduction, Cat. 2
- Skin corrosion/irritation, Cat. 1
- Sensitization, skin, Cat. 1

2.2 GHS label elements, including precautionary statements

Pictogram



Signal word

Danger

Hazard statement(s)

H314

Causes severe skin burns and eye damage

H317

May cause an allergic skin reaction

H361

Suspected of damaging fertility or the unborn child [effect, route]

Precautionary statement(s)

P201

Obtain special instructions before use.

P202

Do not handle until all safety precautions have been read and understood.

P260

Do not breathe dust/fume/gas/mist/vapors/spray.

P261

Avoid breathing dust/fume/gas/mist/vapors/spray.

P264

Wash ... thoroughly after handling.

P272

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

P280

Wear protective gloves/protective clothing/eye protection/face protection.

P280

Wear protective gloves.

P301+P330+P331

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P302+P352

IF ON SKIN: Wash with plenty of water/...

P303+P361+P353

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

P304+P340

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305+P351+P338

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

P308+P313

IF exposed or concerned: Get medical advice/attention.

P310

Immediately call a POISON CENTER/doctor/...

P321

Specific treatment (see ... on this label).

P333+P313

If skin irritation or rash occurs: Get medical advice/attention.

P363

Wash contaminated clothing before reuse.

P405

Store locked up.

P501

Dispose of contents/container to ...

2.3 Other hazards which do not result in classification

not applicable

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Safety Data Sheet

Epoxy Bump Adhesive Part B

Hazardous components

1. 4-Nonylphenol, branched

Concentration 25 - 50 % (weight)
CAS no. 84852-15-3

2. Talc

Concentration 25 - 50 % (weight)
CAS no. 14807-96-6

3. 2-Piperazin-1-ylethylamine

Concentration 10 - 25 % (weight)
CAS no. 140-31-8

SECTION 4: First-aid measures

4.1 Description of necessary first-aid measures

General advice	When symptoms persist or in all cases of doubt seek medical advice
If inhaled	Move to fresh air. Consult a physician after significant exposure.
In case of skin contact	Use a mild soap if available. Wash off immediately with soap and plenty of water while removing all contaminated clothing and shoes. If skin irritation persists, call a physician.
In case of eye contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses. If eye irritation persists, consult a specialist.
If swallowed	Gently wipe or rinse the inside of the mouth with water. Give small amounts of water to drink. Do NOT induce vomiting. Never give anything by mouth to an unconscious person.
Personal protective equipment for first-aid responders	No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

4.2 Most important symptoms/effects, acute and delayed

Causes severe burns. Harmful if in contact with skin and/or if swallowed. Irritating to eyes and respiratory system
Harmful to aquatic organisms.

4.3 Indication of immediate medical attention and special treatment needed, if necessary

No information available on clinical testing and medical monitoring. Specific toxicological information on substances, if available, can be found in section 11.

SECTION 5: Fire-fighting measures

5.1 Suitable extinguishing media

Safety Data Sheet

Epoxy Bump Adhesive Part B

Carbon Dioxide, Dry Chemical, Foam. FOR SAFETY REASONS NOT TO BE USED: Alcohol, alcohol based solutions, any other media not listed previously.

5.2 Specific hazards arising from the chemical

No information

5.3 Special protective actions for fire-fighters

In the event of a fire, wear self-contained breathing apparatus. High volume water jet. Hazardous decomposition products formed under fire conditions. Collect contaminated fire extinguishing water separately. This must not discharge into drains. Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide. Contains epoxy constituents. See information supplied by manufacturer.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation. Use personal protective equipment.

6.2 Environmental precautions

Do not allow material to contaminate ground water system. Prevent product from entering drains. May cause long-term adverse effects in the aquatic environment.

6.3 Methods and materials for containment and cleaning up

Prevent further leakage or spillage if safe to do so. Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local, state and federal regulations (see section 13).

Reference to other sections

Please refer to disposal requirements or country specific disposal requirements for this material. See section 13 for further information.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Use only in area provided with appropriate exhaust ventilation. Wear personal protective equipment. Wash hands before breaks and at end of the workday. When using do not eat, drink or smoke.

7.2 Conditions for safe storage, including any incompatibilities

Avoid extremes of temperature and direct sunlight. Store in original container. Keep locked up in an area accessible only to qualified or authorized persons. Store in a dry, well ventilated place away from sources of ignition, heat and direct sunlight.

Specific end use(s)

No specific advice for end uses available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Safety Data Sheet

Epoxy Bump Adhesive Part B

1. Talc (CAS: 14807-96-6)

PEL-TWA: 2.0 mg/m³ (OSHA)

2. 4-Nonylphenol, branched (CAS: 84852-15-3)

3. 2-Piperazin-1-yethylamine (CAS: 140-31-8)

8.2 Appropriate engineering controls

Avoid contact with skin, eyes and clothing. Ensure adequate ventilation, especially in confined areas.

8.3 Individual protection measures, such as personal protective equipment (PPE)

Eye/face protection

Safety glasses

Skin protection

Rubber or plastic gloves. Long sleeved clothing. Remove and wash contaminated clothing before reuse. Rubber or plastic apron.

Body protection

Rubber or plastic gloves. Long sleeved clothing. Remove and wash contaminated clothing before reuse. Rubber or plastic apron.

Respiratory protection

No personal respiratory protection equipment normally required unless atomization or mist of product occurs. In that case a chemical cartridge respirator is recommended.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance/form (physical state, color, etc.)	Thick paste
Odor	Slight
Odor threshold	not determined
pH	Alkaline
Melting point/freezing point	Not determined
Initial boiling point and boiling range	N.D. - N.D.
Flash point	> 220 deg F. - N.D.
Evaporation rate	Not determined
Flammability (solid, gas)	Not determined
Upper/lower flammability limits	N/A - N/A
Upper/lower explosive limits	N/A - N/A
Vapor pressure	Not determined
Vapor density	Not determined
Relative density	Not Determined
Solubility(ies)	Negligible
Partition coefficient: n-octanol/water	Not determined
Auto-ignition temperature	Not determined
Decomposition temperature	Not determined
Viscosity	40,000 - 55,000 cps
Explosive properties	Not determined
Oxidizing properties	Not determined

SECTION 10: Stability and reactivity

Safety Data Sheet

Epoxy Bump Adhesive Part B

10.1 Reactivity

No reactive hazards known under normal storage and usage conditions.

10.2 Chemical stability

No decomposition if stored and applied as directed. Stable under normal conditions.

10.3 Possibility of hazardous reactions

Hazardous polymerization may occur.

10.4 Conditions to avoid

Direct sources of heat.

10.5 Incompatible materials

Strong oxidizing agents.

10.6 Hazardous decomposition products

Carbon Dioxide (CO₂), carbon monoxide (CO), oxides of Nitrogen (NO_x), dense black smoke.

SECTION 11: Toxicological information

Information on toxicological effects

SECTION 12: Ecological information

Toxicity

No information available.

Persistence and degradability

No information available.

Bioaccumulative potential

No information available.

Mobility in soil

No information available.

Results of PBT and vPvB assessment

This product does not meet the criteria for PBT/VPvB in accordance with annex XIII.

Other adverse effects

No information available.

SECTION 13: Disposal considerations

Disposal of the product

If recycling is not practical, dispose of in compliance with all local, state and federal regulations. Dispose of wastes only in an approved waste disposal facility in accordance to all regulations.

Disposal of contaminated packaging

Empty containers should be taken to an approved waste handling site for recycling or proper disposal.

Waste treatment

Dispose of wastes in an approved waste disposal facility in accordance to all applicable regulations.

SECTION 14: Transport information

Safety Data Sheet

Epoxy Bump Adhesive Part B

DOT (US)

UN Number: UN3267
Class: 8
Packing Group: III
Proper Shipping Name: Corrosive Liquid, basic, organic, N.O.S.
Reportable quantity (RQ):
Marine pollutant:
Poison inhalation hazard:

IMDG

UN Number:
Class:
Packing Group:
EMS Number:
Proper Shipping Name:

IATA

UN Number:
Class:
Packing Group:
Proper Shipping Name:

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations specific for the product in question

CERCLA - Sara Hazard Category

This product has been reviewed according to the EPA "Hazard Categories" promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories: Acute Health hazard

SARA Section 313

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the U.S Superfund Amendment and Reauthorization Act (SARA) of 1986 and 40 CFR part 372: No SARA 313 components exist in this product.

Toxic Substances Control Act

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(B) if exported from the United States: No TSCA 12(B) components exist in this product.

U.S. Clean Air Act

EPA Coating Category: Not Applicable, EPA VOC Content Limit (As per the federal EPA definition for coating categories in 40 CFR 59.401): N/A, Product VOC Content (g/L) (Grams of VOC per liter of coating product as applied (mixture of Part A and Part B) per ASTM D2369 method E) 5 g/l, Thinning recommendations: N/A,

New jersey right to Know

The following materials are non-hazardous, but are among the top five compounds in this product: salicylic acid CAS 69-72-7

Pennsylvania Right to Know

No PA Right to know compounds exist in this product

Safety Data Sheet

Epoxy Bump Adhesive Part B

California Proposition 65

The following ingredient(s) present in this product are known to the State of California to cause cancer: carbon black CAS 1333-86-4

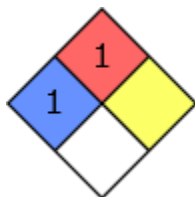
15.2 Chemical Safety Assessment

No chemical safety assessment has been carried out for this substance/mixture by the supplier.

HMIS Rating

Epoxy Bump Adhesive Part B	
HEALTH	1
FLAMMABILITY	1
PHYSICAL HAZARD	
PERSONAL PROTECTION	E

NFPA Rating



SECTION 16: Other information