

SAFETY DATA SHEET

EPOXYCOAT REGULAR DRY(Part B)

Section 1: Product and Company Identification

Product Name: Epoxycoat Regular Dry (Part B)
Product Use: High gloss commercial and industrial floor coatings
Manufacturer: Brodi Specialty Products Ltd
1-3175 14th Ave, Markham ON, L3R 0H1 CANADA
Emergency Tel No: 613 996 6666

Section 2: Hazards Identification

Hazard Classification

This material is hazardous under the criteria of the Federal OSHA Hazard Communication Standard 29CFR 1910.1200.

Acute Toxicity - Category 4 - Oral

Skin Corrosion - Category 1B

Serious Eye Damage - Category 1

Skin Sensitisation - Category 1

Reproductive Toxicity - Category 2

Label Elements

Hazard Pictograms



Signal Word: **DANGER!**

Hazards:

- Harmful if swallowed.
- Causes severe skin burns and eye damage.
- May cause an allergic reaction.
- Suspected of damaging fertility or the unborn child.

Precautionary Statements

Prevention

- Obtain special instructions before use.
- Do not handle until all safety precautions have been read and understood.
- Avoid breathing dust/fume/gas/mist/vapour/spray.
- Wash skin thoroughly after handling.
- Do not eat, drink or smoke when using this product.
- Contaminated work clothing should not be allowed out of the workplace.
- Wear protective gloves/protective clothing, eye protection/face protection.
- Use personal protective equipment as required.

Response

- IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth. DO NOT induce vomiting.
- IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
- IF INHALED: Remove person to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lens, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.
- If exposed or concerned: Get medical advice/attention.

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If skin irritation or rash occurs: Get medical attention/advice.
Wash contaminated clothing before reuse.

Storage

Store locked up.

Disposal

Dispose of contents/container to an approved waste disposal plant.

Other Hazards

No data available.

Section 3: Composition of Ingredients

	Range wt.	CAS #
Poly {oxy(methyl-1,2-ethanediyl), alpha - (aminomethylethyl) - Omega- (2aminomethylethoxy)}	> 60%	9046-10-0
Nonylphenol	< 40%	25154-52-3

Section 4: First Aid Measures

General Advice: Seek medical advice. If breathing has stopped or is laboured, give assisted respirations. Supplemental oxygen may be indicated. If the heart has stopped, trained personnel should begin cardiopulmonary resuscitation immediately.

Eye Contact: Hold eyelids apart, initiate and maintain gentle and continuous irrigation until the person receives medical care. If medical care is not promptly available, continue to irrigate for one hour.

Skin Contact: Immediately remove contaminated clothing and if possible, remove any extraneous chemical without delay. Initiate and maintain gentle and continuous irrigation until the person receives medical care. If medical care is not promptly available, continue to irrigate for one hour. Cover wound with sterile dressing. Take off contaminated clothing and shoes immediately. NOTE TO PHYSICIANS: Application of corticosteroid cream has been effective in treating skin irritation.

Ingestion: If swallowed, do not induce vomiting. If the person is conscious and has no trouble breathing, wash their mouth with water and then keep at rest. Do not leave the person unattended as vomiting may occur spontaneously. To prevent aspiration of swallowed product, lay the person on their side with head lower than waist and get medical attention immediately. Do not give fluids to an unconscious person.

Inhalation: If respiratory irritation or distress occurs, remove the person to fresh air. Seek medical attention if respiratory irritation or distress continues. If breathing is laboured, administer oxygen. If breathing has stopped, administer artificial respiration and seek emergency medical attention.

Section 5: Fire and Explosion Data

Suitable Extinguishing Media: Alcohol-resistant foam, carbon dioxide (CO₂), dry chemical, dry sand, and limestone powder.

Specific Hazards: Product may generate ammonia or toxic nitrogen oxide gas. The use of water may result in the formation of toxic aqueous solutions. Incomplete combustion may form carbon monoxide. Downward personnel must be evacuated as burning produces noxious and toxic fumes.

Special Protective Equipment for Firefighters: Firefighters should wear a face shield and a NIOSH/MSHA approved self-contained breathing apparatus, as well as full protective clothing. Avoid contact with skin.

Further Information: Do not allow runoff from fire control to enter drains or water courses.

Section 6: Accidental Release Measures

Personal Precautions: Use a self-contained breathing apparatus and wear chemically protective clothing, gloves, and face/eye protection. Evacuate unnecessary personnel.

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Environmental Precautions: Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. See Section 12, Ecological Information. Spills or discharge to natural waterways is likely to kill aquatic organisms.

Methods for Cleaning Up: Approach the suspected leak area with caution and clean with soap and warm water or any paint cleaner. Open enclosed spaces to outside atmosphere, and if possible stop the flow of product.

Section 7: Handling and Storage

Handling: Avoid contact with eyes and skin, as well as breathing in vapors and/or aerosols. Use only in well-ventilated areas. Emergency showers and eye wash stations should be readily accessible. Adhere to the work practice rules established by government regulations, and use personal protective equipment. Wash hands and face carefully before eating, drinking, using tobacco products, cosmetics or using the toilet.

Storage: Do not store in reactive metal containers or near acids. Keep containers tightly closed in a cool, dry, and well-ventilated place. Do not store, use and/or consume foods, beverages, tobacco products or cosmetics in areas where this material is stored.

Section 8: Exposure Controls and Personal Protection

Engineering Controls: Provide readily accessible eye wash stations and safety showers. Provide natural or explosion-proof ventilation adequate to ensure concentrations are kept below exposure limits.

Personal Protective Equipment:

Eyes: Chemical resistant goggles.

Skin: Impervious gloves (neoprene) and impervious clothing.

Inhalation: Wear appropriate respirator when ventilation is inadequate.

Section 9: Physical and Chemical Properties

Physical State:	Liquid	Color:	Amber
Odor:	Fishy	Relative Density:	0.95 (water– 1)
Vapour Pressure:	4.81 mmHg at 21°C	Vapour Density:	59.307 lbft ³ (0.95 g/cm ³) at 70°F (21°C)
Water Solubility:	<0.1g/l	Boiling Point:	439°F (226°C)
Flash Point:	106.67°C	PH:	Alkaline

Section 10: Stability and Reactivity

Chemical Stability: Stable under normal conditions

Incompatibility with Other Substances:

Sodium hypochlorite

Organic acids (e.g., acetic acid, citric acid, etc.)

Mineral acids

Reaction with peroxides may result in violent decomposition of peroxide

Possibility of creating an explosion

Reactive metals (e.g., sodium, calcium, zinc, etc.)

Materials reactive with hydroxyl compounds

Oxidizing agents

Hazardous Decomposition Products:

Carbon monoxide

Carbon dioxide (CO₂)

Nitrogen oxides (NO_x)

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Nitrogen oxide can react with water vapors to form corrosive nitric acid

Ammonia

Aldehydes

Flammable hydrocarbon fragments (e.g., acetylene)

Section 11: Toxicological Information

Acute Health Hazards:

Ingestion: LD50 > 1,620 mg/kg (Species: Rat)

Inhalation: No data are available on the product itself

Skin: LD50 > 2,140 mg/kg (Species: Rabbit)

Eye Irritation/Corrosion: Severe eye irritation

Acute Dermal Irritation/Corrosion: Corrosive to the skin of a rabbit

Sensitization: May cause sensitization by skin contact

Chronic Health Hazard: The product or a component may be mutagenic, the data is inconclusive.

Section 12: Ecological Information

Ecotoxicity Effects:

Aquatic Toxicity: No data available on product itself

Toxicity to fish – Components:

Nonylphen: LC50 (96 h): 0.128 mg/l (Species: Fathead Minnow (Pimephales Promelas))

Toxicity to Daphnia – Components

Nonylphen: EC50 (48 h): 0.0848 mg/l (Species: Daphnia)

Nonylphen: EC50 (48 h): 0.19 mg/l (Species: Daphnia)

Toxicity to Other Organisms: No Data Available

Section 13: Disposal Information

Waste from Residues/Unused Products:

Contact the supplier if guidance is required.

Contaminated Packaging: Dispose of container and unused contents in accordance with federal, state, and local requirements.

Section 14: Transportation Information

DOT

Proper Shipping Name: Amines, liquid, corrosive, n.o.s. (Poly9methyl-1,2ethanediyl),alpha-(2-aminomethylethyl)-omega-(2-aminomethylethoxy).Nonylphenol)

Class: 8

UN/ID No. UN2735

Packing Group: III

IATA

Proper Shipping Name: Amines, liquid, corrosive, n.o.s. (Poly9methyl-1,2ethanediyl),alpha-(2-aminomethylethyl)-omega-(2-aminomethylethoxy).Nonylphenol)

Class: 8

UN/ID No. UN2735

Packing Group: III

IMDG

Proper Shipping Name: Amines, liquid, corrosive, n.o.s. (Poly9methyl-1,2ethanediyl),alpha-(2-aminomethylethyl)-omega-(2-

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aminomethylethoxy).Nonylphenol)

Class: 8

UN/ID No. UN2735

Packing Group: III

TDG

Proper Shipping Name: Amines, liquid, corrosive, n.o.s. (Poly9methyl-1,2ethanediyl),alpha-(2-aminomethylethyl)-omega-(2-aminomethylethoxy).Nonylphenol)

Class: 8

UN/ID No. UN2735

Packing Group: III

Note: If regulated as a hazardous material (dangerous good) in transportation, please refer to shipping papers.

Section 15: Regulatory Information

Country	Regulatory List	Notification
USA	TSCA	Included on Inventory
EU	EINECS	Included on EINECS inventory or polymer substance, monomers included on EINECS inventory or no longer polymer
Canada	DSL	Included on Inventory
Australia	AICS	Included on Inventory
Japan	ENCS	Included on Inventory
South Korea	ECL	Included on Inventory
China	SEPA	Included on Inventory
Philippines	PICCS	Included on Inventory

EPA SARA Title III Section 312 (40 CFR 370) Hazard Classification: Acute health hazard.

EPA SARA Title III Section 313 (40 CFR 372) Component(s) above 'de minimus' level: None.

U.S. California Safe Drinking Water & Toxic Enforcement Act (Proposition 65): This product does not contain any chemicals known to State of California to cause cancer, birth defects or any other harm.

WHMIS Hazard Classification: Toxic Material Causing Other Toxic Effects, Corrosive Material.

Section 16: Other Information

HMIS Rating –

Health: 3

Flammability: 1

Physical Hazard: 0

Preparation Date: 12-24-18

Disclaimer/Statement of Liability:

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