

Material Safety Data Sheet

9/19/2017

Section 1: Identification

Product name EPOXYFLEX
Product Identifier WATER BORNE ELASTOMERIC COATING
Recommended use Hazard Communication & Compliance

Details of the supplier of the safety data sheet

Manufacturer ADG
Emergency telephone number

Section 2: Hazard Identification

Hazardous Statement

This product does not represent a health or safety hazard under proper conditions. This is a waterbased latex emulsion product widely used in the coatings industry.

HEALTH	1
FLAMMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION	B

Eye contact: May cause irritation from direct contact.

Skin contact: May cause slight irritation upon repeated or prolonged contact.

Inhalation: Extremely high concentrations may be irritating to the respiratory tract. Signs and symptoms of toxicity are similar to those of swallowing.

Swallowing: Swallowing of large amounts may result in headache, dizziness, incoordination, nausea, vomiting, diarrhea, and general weakness. Consult physician at once.

Prevention:

- Wear Proper Eye protection
- Wear protective gloves and clothing
- Use appropriate breathing filters and respirator device.
- Local exhaust ventilation is recommended

Response:

Eyes: Immediately flush eyes thoroughly with water and continue washing for several minutes. Obtain medical attention.

Skin: Remove contaminated clothing. Flush skin with water.

Inhalation: Remove to fresh air.

Swallowing: If patient is conscious and has a gag reflex, give two glasses of water. Induce vomiting. Obtain medical attention.

Medical Conditions Generally Aggravated by Exposure: May aggravate an existing dermatitis.

Storage/Disposal:

Dispose of content and/or container in accordance with local, regional, national, and/or international regulations – P501

Canada

According to WHMIS (NPPA 704) Classification

Classification of substance or mixture

WHMIS - Non Hazardous Liquid

Label Elements

WHMIS - Liquid Non-Hazardous

WHMIS CANADA, the product mentioned above is considered a non-hazardous liquid under the Workplace Hazardous materials Information System (WHMIS)

Section 3: Composition/Information on Ingredients

Hazardous Components					
Chemical Name	CAS #	% (weight)	LD50/LC50	Classification According to Regulations/Directive	Comments
Titanium Dioxide	13463-67-7	14-15		ACGH TLV 10mg/m3 TLV as Resp.Dust OSHA PEL – 10mg/m3	
SILICONE DIOXIDE	7631-86-9	5-6		ACGH TLV 10mg/m3 TLV as Resp.Dust OSHA PEL – 10mg/m3	
MICA	12001-26-2	0.5-1.0		ACGH TLV 3mg/m3 TLV as Resp.Dust OSHA PEL – 5mg/m3	
BARIUM METABORATE	13701-59-2	3-4		N/A	
TEXANOL ESTER	25265-77-4	0.55	3200mg/kg		

Section 4: First- Aid Measures

Description of First Aid Measures

Inhalation

Move to fresh air. Use Oxygen or artificial respiration if needed. Get medical attention if any discomfort continues

Skin

Immediately remove contaminated clothing and shoes and wash skin with soap and plenty of water. Get medical attention if irritation persists after washing.

Eye

Any material that contacts the eye should be washed out immediately with water. If easy to do, remove contact lenses. Get medical attention if symptoms persist.

Ingestion

Immediately rinse mouth and drink plenty of water. Keep person under observation. If person becomes uncomfortable take to hospital along with these instructions.

Notes to physician

Treat symptomatically.

General advice

If you feel unwell, seek medical advice (show the label when possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

Section 5: Fire-Fighting Measures

Flammable Properties: This product is not flammable.

Extinguishing Media: Regular Foam, Carbon dioxide, dry powder or water fog

Unsuitable Extinguishing: Do not use water jet as an extinguisher, as this might spread the fire.

Advice for Firefighters:

Selection of respiratory protection for firefighting: follow the general fire precautions indicated in the workplace. Self-contained breathing apparatus and full protective clothing must be worn in case of fire. Move containers from fire area if you can do so with risk. Use water spray to keep fire-exposed container cool.

Section 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Personal Precautions

Avoid inhalation of vapors and contact with skin and eyes. Wear appropriate personal protective equipment (See Section 8)

Emergency Procedures

As immediate precautionary measure, isolate spill or leak area for at least 50 meters (150 feet) in all directions.

Containment/Clean-up Measures

Dike the spilled material, where this is possible.

ADG EpoxyFlex

Prevent entry into waterways, sewer, basements or confined areas.

Small spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. After following product recovery, flush area with water.

Large spills: Absorb in vermiculite, dry sand, or earth and place into container

Section 7: Handling and Storage

Precautions for safe handling

Handling

Provide adequate ventilation. Avoid contact with eyes, skin, and clothing. Avoid breathing vapor. Wear appropriate personal protective equipment. Wash thoroughly after handling. Observe good industrial hygiene practices.

Conditions for safe storage, including any incompatibilities

Storage

Store the product in a tightly closed original container in a dry, cool and well ventilated area. Keep away from incompatible materials.

Incompatible Materials or Ignition Sources

Not applicable for this product.

Section 8: Exposure Controls/Personal Protection

Exposure Control Parameters

Engineering Measures/Controls

Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits.

Personal Protection Equipment

Eye/Face

Wear safety goggles

Hands

Wear Protective Gloves- neoprene, butyl or nitrile rubber with cuffs.

Skin/Body

Where exposed cover skin where dermal exposure may be expected.

Respiratory protection

Use NIOSH certified, air purifying respirators with N-, P-, or R- series particulate filter and organic vapor cartridges when concentration of vapor or mist exceeds applicable exposure limits. protection provided by air-purifying respirators is limited. Selection and use of respiratory protective equipment should be in accordance with OSHA **General Industry Standard 29 CFR 1910.134**. Consult a qualified industrial hygienist or Safety Professional for respirator selection guidance.

General Industrial Hygiene

Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

Environmental Exposure Controls

Follow best practice for site management and disposal of waste. Avoid release to the environment.

Section 9: Physical and Chemical Properties

<u>Appearance</u>	White viscous liquid.
<u>Physical state</u>	Liquid
<u>pH</u>	8.0-9.0
<u>Viscosity</u>	120 KU
<u>Volume Percent Solids</u>	41.00 ± (1.0)
<u>Weight Percent Solids</u>	52.00 ± (1.0)
<u>Percent Volatile By Weight</u>	48.00 ± (1.0)
<u>Vapor pressure</u>	17.5 mm Hg at 20°
<u>Vapor density</u>	Less dense than air >= 1 (Air=1)
<u>Boiling point</u>	100C (212F°)
<u>Melting point/Freezing point</u>	Not available.
<u>Solubility (water)</u>	Moderately soluble
<u>Specific gravity</u>	1.24
<u>Flash point</u>	Not available.
<u>Auto-ignition temperature</u>	Not available.
<u>Evaporation rate</u>	Same as water
<u>VOC</u>	0.53 Lbs/Gal. (64 Grams/Liter)

Section 10: Stability & Reactivity Information

Chemical stability

Material is stable under normal conditions.

Conditions to avoid

Keep product from freezing, and Do-not expose to temperatures above 39° (102°F)

Incompatible materials

Avoid products such as strong oxidizing agents, strong acids, alkaline or caustic materials.

Possibility of hazardous reactions

This should not occur.

Section 11: Toxicological Information

Sensitization

Not a skin sensitizer.

Acute effects

In high concentrations, vapors and spray mists are narcotic and may cause headache, fatigue, Dizziness, and nausea. Ingestion may cause irritation and malaise.

Chronic effects

Prolonged or repeated contact may dry skin and cause dermatitis.

Carcinogenicity

Potentially carcinogenic components are typically only present in trace amounts. Due to the form of the product, exposure to the potentially carcinogenic components is not expected.

ACGIH Carcinogens

Not classifiable as a human carcinogen.

IARC Monographs Overall Evaluation of Carcinogenicity

Not classifiable as to carcinogenicity to humans.

Section 12: Ecological Information

Ecotoxicological Data

Environmental effects No data available

Persistence and degradability No data is available on the degradability of this product.

Bioaccumulation / Accumulation No data available.

Mobility in environmental media If large quantities of latex paint are discharged in water systems, it may adversely affect aquatic organisms.

Section 13: Disposal Considerations

Waste from product, residues or/and unused product.

Dispose in accordance with all applicable regulations in accordance with (40 CFR 261.20-24). Follow all Federal, State and local laws.

Section 14: Transport Information

Not regulated as dangerous goods.

IATA

Not regulated as dangerous goods.

IMDG

UN proper shipping name

Waterbased Elastomeric Coating

Packing group

No.

Section 15: Regulatory Information

SARA Title 3 Hazard Categorization: Immediate acute health hazard or delayed chronic health hazard.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D) Not regulated.

SARA TITLE 3 SECTION 313 REPORTABLE SUBSTANCES: None

Persistence and degradability No data is available on the degradability of this product.

Bioaccumulation /Accumulation No data available.

Section 16: Other Information

Revision Date: 2016

Disclaimer And Statement of Liability:

The information contained herein is believed to be accurate but is not warranted to be so. Data and calculations are based on the information furnished by the manufacturer of the product and manufacturers of the components of the product. Users are advised to confirm in advanced of need that information is current, applicable and suited to the circumstance of use. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, vendor assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed. Any questions regarding this product should be direct to the manufacturer of the product as described in Section 1.