SECTION 1. IDENTIFICATION

Product identifier	ANE-CLEAR-3-A
Other Means of Identification	N. A
Recommended Use	Anti-Crystallization Epoxy Coating
Restrictions on Use	Unknown
Supplier Identifier	ANE COATINGS INC. 2821 Boulevard Le Corbusier Laval, Québec Canada H7L 4J5 www.anecoatings.com
Emergency Phone No.	**24-Hour Emergency Telephone Number Canada (CANUTEC): (613) 996-6666**

SECTION 2. HAZARD IDENTIFICATION

Classification

Skin Sensitization Category 1B
Skin Corrosion/irritation Category 2
Serious eye damage/irritation Category 2A
Acute Toxicity, Oral Category 5
Hazardous to the aquatic environment - acute Category 2
Hazardous to the aquatic environment - chronic Category 2

Label Elements

Signal Word
Warning

Hazard Statements

H303: May be harmful if swallowed
H315: Causes skin irritation
H317: May cause an allergic skin reaction H319: Causes serious eye irritation H401: Toxic to aquatic life
H411: Toxic to aquatic life with long lasting effects

Precautionary statements

Prevention:

P261 Avoid breathing dust/fume/gas/mist/vapors/spray. P264 Wash with plenty of water and soap thoroughly after handling. P272 Contaminated work clothing should not be allowed out of the workplace. P280 Wear protective gloves/eye protection. P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. P337 + P313 If eye irritation persists: Get medical advice/attention. P302 + P352 IF ON SKIN: Wash with plenty of water. P333 + P313 If skin irritation or rash occurs: Get medical advice/attention. P312 IF SWALLOWED: Call a POISON Center/doctor/…if you feel unwell. P362 + P364 Take off contaminated clothing and wash before reuse. P273 Avoid release to the environment. P391 Collect spillage. P501 Dispose of contents/ container into safe container in accordance with local, regional or national regulations.

Other Hazards:

Unknown

SECTION 3. COMPOSITION

Chemical Name	CAS No.	% concentration
Reaction product: bisphenol-A-(epichlorohydrin) epoxy resin	25085-99-8	50-80
Alkyl (C12-C14) glycidyl ether	68609-97-2	1-10
1,3-bis(2,3-epoxypropoxy)-2,2-dimethylpropane	17557-23-2	5-10
Bisphenol-F/epichlorohydrin epoxy resin	28064-14-4	5-10
Benzyl Alcohol	100-51-6	1-10

SECTION 4. HAZARD IDENTIFICATION

First-aid Measures

Ingestion:
IF SWALLOWED: Call a POISON Center/doctor/…if you feel unwell.

Skin Contact:
Flush with soap and water for a minimum of 15 minutes. Consult a physician if irritation persists or you feel unwell.

Eye Contact:
Rinse immediately with plenty of water for at least 15 minutes. Consult a physician.

Most Important Symptoms and Effects, Acute and Delayed

If inhaled:
May cause allergy or asthma symptoms or breathing difficulties if inhaled.

If on skin:
Harmful if in contact with the skin. Causes skin irritation. Exposure may produce an allergic reaction

If in eyes:
Causes serious eye damage.

If ingested:
Ingestion is likely to be harmful or have adverse effects

Immediate Medical Attention and Special Treatment:

Special Instructions:
If a physician or medical attention is required, have product container or label at hand.

SECTION 5. FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media
In case of fire: water fog, foam, dry chemical powder, carbon dioxide (CO2)

Unsuitable Extinguishing Media
water jet

Specific Hazards Arising from the Product
During fire, smoke may contain the original material in addition to combustion products of varying composition which may be toxic and/or irritating.

Special Protective Equipment and Precautions for Fire-fighters
Wear positive-pressure self-contained breathing apparatus (SCBA) and protective fire- fighting clothing. Avoid contact with this material during fire-fighting operations. If contact is likely, change to full chemical resistant fire-fighting clothing with self-contained breathing apparatus.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures
Clear area. Ensure adequate ventilation. Wear suitable personal protective clothing and equipment.

Methods and Materials for Containment and Clean up
For containment, ensure adequate ventilation and absorb any spill with inert liquid binding material and dispose of waste safely.

SECTION 7. HANDLING AND STORAGE

Precautions for Safe Handling

Avoid prolonged or repeated contact with skin. Avoid contact with eyes, skin, and clothing. Wash thoroughly after handling. When using, do not eat, drink or smoke. Provide adequate ventilation. Wear appropriate personal protective equipment. Avoid use of electric band heaters. Avoid release to the environment. Observe good industrial hygiene practices.

Conditions for Safe Storage

Store in cool dry and well-ventilated place. Keep stored in accordance with local, regional, national, and international regulations. Store away from incapable materials.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control Parameters

All protective clothing should be appropriately clean and available to dress into before work. The engineering measures or controls and PPE recommendations are only guidelines and may not apply to every situation. Data not available. For additional information, please consult the corresponding requirements under http://www.ccohs.ca/topics/hazards/chemical/chemicals/

Appropriate Engineering Controls

Local exhaust ventilation required. Make up air should be supplied to balance air that is removed by local or general exhaust ventilation. Provide sufficient ventilation to keep vapors below permissible exposure limit. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure all national / local regulations are observed.

Individual Protection Measures

General Measures

Do not eat, drink or smoke during work. Avoid all contact with skin or eye. If clothing comes into contact with material, do not allow out of the workplace. Clean hands and any exposed skin thoroughly after work and before breaks.

Eye / Face Protection

Use tightly sealed goggles or safety glasses with side shields which are resistant to Chemicals.

Skin Protection

Wear chemical resistant protection gloves. Wear impervious clothing as necessary to protect against coming in contact with product.

Respiratory Protection

If insufficient ventilation, wear respiratory protection.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear Liquid
Odor	Not available
Odor threshold	Not available
pH	Not available
Melting Point	Not available
Initial Boiling Point / Range	Not Available
Flash point	>93°C
Evaporation rate	Not available
Flammability (solid; gas)	Not available
Lower flammable/explosive limit	Not available
Upper flammable/explosive limit	Not available
Vapor pressure	Not available
Vapor density	Not available
Specific gravity	1.14-1.16
Solubility	Partial
Partition coefficient-n-Octanol/water	Not available
Auto-ignition temperature	Not available
Decomposition temperature	Not available

SECTION 10. STABILITY AND REACTIVITY

Reactivity	Non-reactive
Chemical stability	Stable under recommended handling and storage conditions
Possibility of Hazardous reactions	This product will polymerize if mixed with an amine. Considerable heat can evolve.
Conditions to avoid	Avoid temperatures exceeding the flash point. Avoid unintended contact with amines.
Incompatible materials	Strong oxidizers, strong alkalis, strong mineral acids, amines.

Hazardous decomposition products Unknown.

SECTION 11. TOXICOLOGY INFORMATION

Likely Routes of Administration	Inhalation, skin contact, eye contact, ingestion.
Acute Toxicity	Oral: Harmful if swallowed. Dermal: Harmful in contact with skin.
LD50 and LC50 Data	Not available
Skin Corrosion/Irritation	Causes skin irritation.
Serious Eye Damage/ Irritation	Causes serious eye

damage **STOT (Specific Target Organ Toxicity)** No data
Single Exposure Inhalation

Aspiration Hazard	Not classified based on available data.

STOT(Specific Target Organ Toxicity) No data
Repeated Exposure

Respiratory and/or Skin Sensitization	May irritate mucous membranes, eyes, nose, and respiratory passages. May cause asthma attack to persons with pre-existing bronchial hyper reactivity. Exposure to high concentrations may lead to bronchitis, bronchial spasm and pulmonary oedema. Effects are usually reversible. May cause C.N.S. depression with symptoms of nausea, light-headedness, drowsiness, dizziness, loss of coordination
Carcinogenicity	Unknown
Reproductive Toxicity	Not available
Germ Cell Mutagenicity	Not available
Interactive Effects	Not available

SECTION 12. ECOLOGICAL INFORMATION

Hazardous to aquatic environment.
This is not required by WHMIS.
This is not required by OSHA HCS 2012.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal Methods
Dispose of contents/container into safe container in accordance with local, regional or national regulations.

SECTION 14. TRANSPORT INFORMATION

UN Number; Proper shipping name; Class(es); Packing group (PG) of the TDG Regulations:
UN3082; ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (bisphenol-A-(epichlorohydrin) epoxy resin); CLASS 9; PG III

UN Number; Proper shipping name; Class(es); Packing group (PG) of the IMDG (maritime):
UN3082; ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (bisphenol-A-(epichlorohydrin) epoxy resin); CLASS 9; PG III; MARINE POLLUTANT

UN Number; Proper shipping name; Class(es); Packing group (PG) of the IATA (air):
UN3082; ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (bisphenol-A-(epichlorohydrin) epoxy resin); CLASS 9; PG III; MARINE POLLUTANT

SECTION 15. REGULATORY INFORMATION

Not required under Canadian Regulations.

SECTION 16. OTHER INFORMATION

Date of Preparation	August 2022
Date of Last Revision	August 31, 2023
Revision Indicators	The entire MDSD was changed in August 2020 to be in accordance with the WHMIS 2015 which incorporates the Globally Harmonized System of Classification and Labeling of Chemicals for Canadian Workplaces.
References	1. CHOHS Fact Sheets September 2016 ©CCOHS 2016 2. Supplier's Material Safety Data Sheet(s)

ACGIH	American Conference of Governmental Industrial Hygienists
ATE	Acute toxicity estimate
CAS	Chemical Abstract Service
DSL	Domestic Substance List
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods Code
LC	Lethal concentration
LD	Lethal Dosage
NIOSH	National Institute for Occupational Safety and Health
NTP	National Toxicology Program (U.S.A.)
OSHA	Occupational Safety and Health Administration (U.S.A.)
PEL	Permissible Exposure Limit
STEL	Short-term Exposure Limit
TDG	Transport of dangerous goods in Canada
TLV	Threshold Limit Value
TSCA	Toxic Substances Control Act
TWA	Time Weighted Average
WHMIS	Workplace Hazardous Materials Information System