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SAFETY DATA SHEET

SECTION 1: IDENTIFICATION

Product Code: MC413Y
Product Trade Name: WB Epoxy Low Sheen Medium Base – Part A
Product Class / Intended End Use: Commercial Industrial Coating
Emergency Telephone Numbers: For emergency health, safety and environmental information call 416-252-5676 (Monday to Friday 9am-4pm est/edt)

For Emergency Transportation Information call CANUTEC at 613-996-6666

SECTION 2: HAZARDS IDENTIFICATION

Classification:

	Category
Skin Corrosion/Irritation	2
Serious Eye Damage/Eye Irritation	2A
Skin Sensitization	1
Acute Aquatic Toxicity	2
Chronic Aquatic Toxicity	2
Signal word:	WARNING

Hazard Statements:

- Causes serious eye irritation
- Causes skin irritation
- May cause an allergic skin reaction
- Toxic to aquatic life with long lasting effects

Precautionary Statements:

- Wear protective gloves/ protective clothing/ eye protection/ face protection
- Wear eye or face protection
- Avoid release to the environment
- Wash hands thoroughly after handling
- Contaminated work clothing should not be allowed out of the workplace
- Collect spillage

Other Hazards Which do not Result in Classification:

- None known.

Hazard Pictograms:



PROTEK PAINT – SAFETY DATA SHEET

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

NAME	CAS #	WT %
bisphenol-A-(epichlorhydrin)	25068-38-6	3.7
bisphenol-F-epichlorhydrine	9003-36-5	1.5
Ethylene Glycol Monopropyl Ether	2807-30-9	1.4

N/A = Not Available N/E = Not Established

SECTION 4: FIRST-AID MEASURES

- Eye Contact:** Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.
- Ingestion:** Do not induce vomiting. Wash out mouth with water. Remove dentures if any. Never give anything by mouth to an unconscious person. Consult a physician.
- Inhalation:** Remove victim to fresh air and keep at rest in a position comfortable for breathing.
- Skin Contact:** Wash with plenty of soap and water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Get medical attention. In the event of any complaints or symptoms, avoid further exposure. Wash clothing before reuse. Clean shoes thoroughly before reuse.

Call a poison centre or doctor/physician if you feel unwell.

Most Important Symptoms and Effects (both acute and delayed):

- Causes serious eye irritation. Adverse symptoms may include pain irritation, watering, redness.
- Causes skin irritation. Adverse symptoms may include irritation, redness.
- May cause an allergic skin reaction
- Irritating to mouth, throat and stomach

Indication of any Immediate Medical Attention and Special Treatment Needed:

- None known.

Notes to Physician:

- Treat symptomatically

SECTION 5: FIRE-FIGHTING MEASURES

- Suitable Extinguishing Media:** Use water fog or fine spray, alcohol resistant foams, carbon dioxide or dry chemical.
- Unsuitable Extinguishing Media:** Do not use a solid water stream as it may scatter and spread fire.
- Specific Hazards Arising from the Substance or Mixture:** Hazardous decomposition products formed under fire conditions. – Nature of decomposition products not known.
- Hazardous Combustion Products:** Hazardous decomposition products formed under fire conditions. - Nature of decomposition products not known.
- Special Protective Equipment and Precautions for Fire Fighters:** Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

SECTION 6: ACCIDENTAL RELEASE MEASURES

- Personal Precautions, Protective Equipment and Emergency Procedures:** Use personal protective equipment. Avoid breathing vapours, mist or gas. Ensure adequate ventilation.
- Environmental Precautions:** Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). Water polluting material. May be harmful to the environment if released in large quantities. Collect spillage.
- Methods and Materials for Containment and Clean Up:** Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

PROTEK PAINT – SAFETY DATA SHEET

SECTION 7: HANDLING AND STORAGE

Precautions for Safe Handling:	Avoid contact with skin and eyes. Avoid inhalation of vapour or mist.
Conditions for Safe Storage:	Store in accordance with local regulations. Keep container tightly closed and sealed until ready for use. Use appropriate containment to avoid environmental contamination. Prevent any seepage into the ground.
Advice on General Occupational Hygiene:	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
Incompatibles:	Strong oxidizers (e.g. Chlorine, Peroxides, etc.).

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Name	ACGIH TLV (ppm)		OSHA PEL (ppm)	
	TWA	STEL	PEL	STEL
bisphenol-A-(epichlorhydrin)	N/A	N/A	N/A	N/A
bisphenol-F-epichlorhydrine	N/A	N/A	N/A	N/A
Ethylene Glycol Monopropyl Ether	25	N/A	N/A	N/A
<i>N/A = Not Available N/E = Not Established</i>				

Appropriate Engineering Controls:	Provide exhaust ventilation or other engineering controls to keep the airborne concentration of vapours below their respective threshold limit value. Use explosion-proof electrical and ventilating equipment.
Respiratory Protection:	Respiratory protection is required if the concentrations exceed the TLV. Use a NIOSH approved dust respirator if dust levels exceed exposure limits. Seek advice from respiratory protection specialists.
Eye/Face Protection:	Wear eye/face protection. Wear face shield and chemical splash safety goggles.
Skin/Hand Protection:	Wear protective gloves and clothing. The suitability for a specific workplace should be discussed with the producers of the protective gloves.
Other Considerations:	Wear appropriate protective clothing to prevent skin contact, such as coveralls or long sleeved shirt, long pants, and shoes and socks. An eyewash station and safety shower should be made available in the immediate working area. Other equipment may be required depending on workplace standards.

SECTION 9: PHYSICAL PROPERTIES

% Volatiles by Weight:	36.72
Auto Ignition Temperature:	>200°C / 392°F
Boiling Point:	>100 °C / 212 °F
Decomposition Temperature:	Data not Available
Density/Specific Gravity:	1.47
Explosive Limit:	Data not Available
Flammability (solid, gas):	Non Flammable
Flash Point (Setaflash Closed Cup):	Not Applicable
Melting/Freezing Point:	<0 °C / 32 °F
Odour Threshold:	Data not Available
Odour:	Slight Musty
Partition Coefficient:	Data not Available
pH:	8.5 - 9.0
Physical State/Appearance:	White Liquid
Relative Evaporation Rate (Butylacetate=1)	Data not Available
Solubility in Water:	Miscible
Vapour Density:	Data not Available
Vapour Pressure:	Data not Available
Viscosity:	Viscous

PROTEK PAINT – SAFETY DATA SHEET

SECTION 10: STABILITY AND REACTIVITY

Reactivity: Stable under normal temperatures and pressures.

Chemical Stability: No data available.

Possibility of Hazardous Reactions: Hazardous polymerization does not occur under normal conditions of use.

Conditions to Avoid: Do not use in areas without adequate ventilation.

Incompatibles: Oxidizing agents. Strong acids and alkalis.

Hazardous Decomposition Products: None known.

SECTION 11: TOXICOLOGICAL INFORMATION

Name	LD 50			LC 50		
	mg/kg	Animal	Route	ppm	Animal	Route
bisphenol-A-(epichlorhydrin)	13,600	Rat	Oral	N/A		
bisphenol-F-epichlorhydrine	>2000	Rat	Oral	N/A		
	>2000	Rabbit	Dermal			
Ethylene Glycol Monopropyl Ether	3089	Rat	Oral	>2132	Rat	Inhalation, 6h
	1337	Rabbit	Dermal			
<i>N/A = Not Available N/E = Not Established</i>						

Symptoms/Injuries Eye Exposure: Irritating to eyes. Direct eye contact may cause pain or irritation, watering, redness.

Symptoms/Injuries Skin Exposure: Irritating to skin and mucous membranes. May cause irritation, redness.

Symptoms/Injuries Inhalation: Prolonged or excessive inhalation may cause respiratory tract irritation.

Symptoms/Injuries ingestion: May be harmful if swallowed. May cause vomiting.

Specific Target Organ Effects: Not available.

Potential Chronic Health Effects: Prolonged and/or repeated skin contact with this product may cause irritation/dermatitis.

Medical Conditions Aggravated by Overexposure: May aggravate pre-existing respiratory disorders, allergy, eczema, or skin conditions.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity: Toxic to aquatic life with long lasting effects. This product should not be allowed to enter drains or water courses, or be deposited where it can affect ground or surface waters.

VOC (g/L): 119

Persistence and Degradability: Insoluble in water.

Bio-accumulative Potential: No data available.

Mobility in Soil: No data available.

Other Adverse Effects: No data available.

PROTEK PAINT – SAFETY DATA SHEET

SECTION 13: DISPOSAL CONSIDERATIONS

- Handling for Disposal:** See Section 7 (Handling and Storage) for further details. Empty containers may contain hazardous residues.
- Methods of Disposal:** Dispose in accordance with all applicable federal, state, provincial and local regulations. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.
- RCRA:** If this product, as supplied, becomes a waste in the United States, it may meet the criteria of a hazardous waste as defined under RCRA, Title CFR 261. It is the responsibility of the waste generator to determine the proper waste identification and disposal method. For disposal of unused or waste material, check with local, state and federal environmental agencies.

DO NOT INCINERATE CLOSED CONTAINERS

SECTION 14: TRANSPORTATION INFORMATION

UN Number:	Not Regulated
UN Proper Shipping Name:	Not Regulated
Transport Hazard Class:	Not Regulated
Packing Group:	Not Regulated
Environmental Hazards:	Toxic to aquatic life with long lasting effects.
Special Precautions for User:	Moderate skin irritant. Moderate eye irritant. Skin sensitizer.
Transport in Bulk:	Information not available.

SECTION 15: REGULATORY INFORMATION

- Canada:** All components are in compliance with the Canadian environmental protection act and are present on the domestic substances list. This product has been classified in accordance with the hazard criteria of the CPR and the SDS contains all the information required by the CPR.
- USA:**
TSCA: All components of this material are on the US TSCA inventory or are exempt.
OSHA: This material is classified as hazardous under OSHA regulation (29CFR 1910.1200).
CERCLA: Reportable quantities (RQ) (40 CFR 117.302). Data not available.
SARA TITLE 111: Sec 302, extremely hazardous substances, 40 CFR 355 - Data not available
SARA TITLE 111: Sec 313, toxic chemical notification, 40 CFR 372 - Data not available

SECTION 16: OTHER INFORMATION

HMIS:	Health 2	Flammability 0	Reactivity 0	
NFPA:	Health 2	Flammability 0	Reactive Instability 0	Special Hazard 0

Issue Date: June 8, 2017

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DISCLAIMER

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END OF SAFETY DATA SHEET