



# MATERIAL SAFETY DATA SHEET

## Classic Epo WBE 381 - Hardener

### 1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Classic Epo WBE 381 - Hardener  
Description: Hardener component of water dispersed epoxy coating  
Manufacturer: **Primadonn Build Tech Pvt Ltd.,**  
Tel.+9444907177  
**www.primadonn.com**  
Date Prepared: 22/5/2017  
MSDS Number: PBT-IND/61-SP

### 2. COMPOSITION / INFORMATION ON INGREDIENTS

Composition: Epoxy curing agent, water and fillers

hazardous Ingredient(s):	Symbol	Risk Phrases	CAS No.	%
Polyaminoamide	Xi, N	R38, 41, 51/53		<20

### 3. HAZARDS IDENTIFICATION

Hazard Information: Irritating to skin.  
Risk of serious damage to the eyes.  
Toxic to aquatic organism, may cause long-term affects in the aquatic Environment.

Classification: Xi, N. R.38, 41, 51/53

### 4. FIRST AID MEASURES

Eyes: Irrigate immediately with copious quantities of water for 15 minutes. Obtain medical attention urgently.

Skin: Wash immediately with soap and water or suitable skin cleanser. Remove Contaminated clothes and shoes. Obtain medical advice if irritation persists.

Inhalation: Remove from exposure; obtain medical attention if respiratory irritation develops or if breathing becomes difficult.

Ingestion: Drink plenty of water. Do not induce vomiting. Obtain medical attention. Beware of aspiration if vomiting occurs.



## 5. FIRE FIGHTING MEASURES

Flash Point (Closed Cup):	>100 °C
Extinguishing Media:	Carbon dioxide, Powder, foam or water.
Personal protective equipment:	Self-contained breathing apparatus. Standard aluminized suit.
Special Exposure hazards:	Carbon oxides, Nitrogen oxides, Ammonia and organic and vapors.

## 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Wear suitable protective clothing, gloves and eye/face protection.
Environmental Precautions:	Prevent entry into drains, sewers and water courses.
Decontamination Procedures:	Soak up with inert absorbent like sand. Gather into labeled containers. Dispose off as applicable regulations.

## 7. HANDLING AND STORAGE

Handling	Maintain good standards of personal hygiene. Avoid skin eye contact. Do not eat, drink or smoke whilst using this product. Ensure adequate ventilation.
Storage:	Keep container tightly closed in a cool dry area. Keep away from food containers.

## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Eye protection:	Tightly sealed safety glasses/goggles.
Skin Protection:	Impervious gloves (e.g. PVC). Suitable protective clothing.
Respiratory Protection:	Breathing filters apparatus.
Hygiene measures:	Change contaminated clothing and clean before re-use
Engineering Controls:	Use only in well ventilated area. Local exhaust ventilation is recommended.
Exposure Guidelines:	None assigned



## 9. PHYSICAL AND CHEMICAL PROPERTIES

Form:	Thixotropic Liquid
Colour:	Yellowish to clear
Odour:	Ammoniacal
pH (Concentrate):	Alkaline
Boiling Point (°C)	>100
Flash Point (closed cup) (°C)	>100
Autoflammability (°C):	Autoignition temperature >150
Relative Density (@25 °C):	1.44
Water Solubility:	Dispersible

## 10. STABILITY AND REACTIVITY

Stability:	Stable if used as directed.
Conditions to Avoid:	Any source of ignition. Temperature below 0 °C
Chemical Incompatibility:	Strong acids, Strong alkalis, Strong oxidizing agents.
Hazardous Decomposition Products:	Thermal decomposition yield oxides of carbon, Nitrogen compounds.

## 11. TOXICOLOGICAL INFORMATION

The following toxicological assessment is based on knowledge of the toxicity of the product's components.  
Expected Oral (LD50), rat >5000mg/kg.  
Classified as moderate sensitizer.

### Health Effects

On Eyes:	Severe Irritation
On Skin:	Irritation
By Inhalation:	No Data.
By Ingestion:	May cause irritation of mouth, throat and digestive tract.
Chronic:	Repeated and prolonged skin contact will result in severe irritation.

## 12. ECOLOGICAL INFORMATION

Environmental Assessment:	When used and disposed as intended, no adverse environmental effects are foreseen.
Mobility:	Mobile liquid, Insoluble in water..
Degradability:	Not readily biodegradable.



Bioaccumulation: Not Known  
 Acute Fish Toxicity: Not Known.

**13. DISPOSAL CONSIDERATION**

Disposal must be in accordance with local and national legislation.

Unused Product: Classified as a special waste. May be reacted with base component to give an inert polymeric material.  
 Used/ Contaminated Product: Classified as a special waste. Dispose off through an authorized waste contractor to a licensed site.  
 Packaging: Must be disposed off through an authorized waste contractor.

**14. TRANSPORT INFORMATION**

UN Number: 3082  
 Transport Name: Environmentally hazardous substance, liquid N.O.S

Transport Type:		Class:	Pack Group:	Marine Pollutant
At Sea	IMO	Not dangerous		No
Air Transport	IATA/ICAO	Not dangerous		
At land	RID/ADR	9	III	

**15. REGULATORY INFORMATION**

**Hazard Label Data:**

UN Number: 3082

**Risk Phrases:**

R38 Irritating to skin.  
 R41 Risk of serious damage to the eyes.  
 R51/53 Toxic to aquatic organisms, may cause long-term adverse in the aquatic environment.

**Safety Phrases:**

S24/25 Avoid contact with skin and eyes.  
 S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
 S37/38/39 Wear suitable gloves and eye/face protection



## 16: OTHER INFORMATION

Issue Date: 22/05/2017

Revised Date: 14/07/2022

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