

## MATERIAL SAFETY DATA SHEET

<b>MSDS Name:</b>	MONARCH KrushMore CBC
<b>Product Type</b>	Epoxy Compound
<b>Manufacturer Name:</b>	MONARCH INDUSTRIAL PRODUCTS (I) PVT LTD
<b>Address</b>	No: 25 , SIDCO Industrial Estate, Theni – 625531, TamilNadu State, India
<b>Emergency Number:</b>	+91 4546 -251020
<b>Revision Notes</b>	Annual Updating

## COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient Name	EC No.	CAS Number	Contents
Liquid Epoxy Resin	216-823-5	1675-54-3	35 – 40 %
Additive	204-557-2	63625-56-9	4 – 5%
Fillers	215-108-5	67479-91-8	10 – 20%
Quartz	238-878-4	14808-60-7	20 – 30%
Proprietary Information	-	-	2 – 5%

## HAZARDS IDENTIFICATION

May cause sensitization by Skin contact. Irritating to eyes and skin. Harmful to aquatic organisms, may cause long- term adverse effects in the aquatic environment.  
 Preparation contains an epoxy resin, which may cause sensitization and development of allergy.

## FIRST AID MEASURES

### General Information

Avoid contact with skin and eyes. In case of accident or if you feel unwell, seek medical advice immediately (show label where possible).

<b>Eye Contact</b>	:	Hold eyelids apart and immediately flush eyes with plenty of water for at least 15 minutes. Seek Medical attention
<b>Skin Contact</b>	:	Remove contaminated clothing/shoes and wipe excess from skin. Flush skin with water. Follow by washing with soap and water. If irritation occurs, seek medical attention. If contact with hot product occurs, immediately flush with cool water for 15minutes. Carefully remove clothing; if clothing is stuck to a burn area do not pull it off, but cut around it. Cover burn area with a clean material. Get medical attention immediately.
<b>Inhalation</b>	:	Remove victim to fresh air and provide oxygen. If breathing is difficult, seek medical attention.
<b>Ingestion</b>	:	If swallowed, call physician immediately. Induce vomiting only as directed by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention immediately.

## FIRE FIGHTING MEASURES

<b>Extinguishing Media</b>	Extinguish with foam, carbon dioxide or dry powder.
<b>Special Fire Fighting Procedures</b>	Avoid breathing fire vapors. Keep up-wind to avoid fumes. Avoid water in straight hose stream; will scatter and spread fire. Keep run-off water out of sewers and water sources. Dike for water control.
<b>Specific Hazards</b>	By heating and fire, irritating vapors/gases may be formed.
<b>Protective Measures In Fire</b>	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

## ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions:</b>	Warn everybody of potential hazards and evacuate if necessary. Provide adequate ventilation. Wear protective clothing as described in Section 8 of this safety data sheet. Avoid contact with skin and eyes.
<b>Spill Cleanup Measures:</b>	Absorb spillage with non-combustible, absorbent material. Transfer to a container for disposal. Containers with collected spillage must be properly labeled with correct contents and hazard symbol.
<b>Environmental Precautions:</b>	Do not allow to enter drains, sewers or watercourses. Spillages or uncontrolled discharges into watercourses must be IMMEDIATELY alerted to the Environmental Agency or other appropriate regulatory body.

## HANDLING AND STORAGE

<b>Usage Precautions</b>	Use only in well-ventilated areas. Keep away from heat, sparks and open flame. Open drum carefully as content may be under pressure. Avoid contact with skin and eyes. Do not use in confined spaces without adequate ventilation and/or respirator. Do not eat, drink or smoke when using the product. Observe good industrial hygiene practices.
<b>Storage Precautions</b>	Store in tightly closed original container in a cool, dry well-ventilated place.

## EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>Protective Equipment</b>	Safety goggles, Gloves, mask etc.,
<b>Process Conditions</b>	Provide eyewash, quick drench.
<b>Engineering Measures</b>	Provide adequate general and local exhaust ventilation.
<b>Respiratory Equipment</b>	If ventilation is insufficient, suitable respiratory protection must be provided.
<b>Hand Protection</b>	Use protective gloves made of: Rubber or plastic.
<b>Eye Protection</b>	Wear approved chemical safety goggles where eye exposure is reasonably probable.
<b>Hygiene Measures</b>	Keep away from food, drink and animal feeding stuffs. Good personal hygiene is necessary. Wash hands and contaminated areas with water and soap before leaving the work site. Do not eat, drink or smoke when using the product. Change work clothing daily before leaving work place.
<b>Skin Protection</b>	Wear apron or protective clothing in case of contact.

## PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Viscous Liquid
Color:	Brown
Odor:	Mild
Boiling point:	>200°C
Specific Gravity:	1.81
Solubility in water:	Insoluble

## STABILITY AND REACTIVITY

### Stability

Stable under normal temperature conditions and recommended use.

### Conditions to Avoid

Avoid heat, flames and other sources of ignition. Avoid excessive heat for prolonged periods of time. Avoid exposure to high temperatures or direct sunlight.

### Materials to Avoid

Avoid contact with acids and oxidizing substances.

### Hazardous Decomposition Products

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapors. Vapors/gases/fumes of: Acids - organic. Aldehydes.

## TOXICOLOGICAL INFORMATION

Acute Oral Toxicity :	No data Available
Acute Dermal Toxicity:	No data Available
Acute Inhalation Toxicity :	No data Available

## ECOLOGICAL INFORMATION

Considered to be a non-ozone depleting product. Avoid runoff into storm water and ditches that lead to natural waterways.

## DISPOSAL CONSIDERATIONS

### General Information

When handling waste, consideration should be made to the safety precautions applying to handling of the product.

### Disposal Methods

This material does not contain any VOC's (volatile organic compounds). Dispose of waste and residues in accordance with applicable, local, state and federal laws and regulations. The state and local regulations and laws may differ from federal regulations, and laws may change or be reinterpreted. This information only applies to the material as manufactured. Processing, use, or contamination may make the information in appropriate, inaccurate, or incomplete. Responsibility for proper waste disposal is with the owner of the waste.

## TRANSPORT INFORMATION

Not classified as dangerous goods under relevant international transport regulations (ADR, RID, IATA, and IMDG).

ADR: Transport by road, Council Directive 94/55/EC.

IMDG: Regulations relating to transport by sea.

RID: Transport by rail, Council Directive 96/49/EC.

ICAO/IATA: Regulation relating to transport by air.

## REGULATORY INFORMATION

May cause sensitization by contact with skin. May cause eye irritation, respiratory tract and skin. DNP is toxic organisms living in water, can cause prolonged adverse effects on the aquatic environment.

In contact with mucous membranes of the eyes, rinse immediately with plenty of water, seek medical attention. In contact with skin wash off the substance, using soap and water. Use appropriate protective clothing, gloves and eye protection and face. Prevented from entering the environment

## ADDITIONAL INFORMATION

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.