

MATERIAL SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name : **Oxicoat RBE 10**
 Product Description : SBS Rubberized Bitumen Emulsion
 Supplier : Al Majara Polychem Industries LLC
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 Version & Issue Date : 01 & 02.01.2018

2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical characterization : Aqua based Bitumen Emulsion, SBS
 Cas No. : 64742-93-4- Bitumen
 : 9003-55-8- Styrene Butadiene Styrene

3. POTENTIAL HAZARDS

Inhalation : Irritation of upper respiratory tract, coughing and congestion may occur.
 Skin : Long term skin contact may cause health problems.
 Absorption : N.A.
 Ingestion : If ingested, irritation of the gastrointestinal tract may occur.
 Medical conditions : N.A.

4. FIRST AID MEASURES

Eye contact : Wash eyes with copious amount of water for several minutes. If irritation Persists, seek medical attention.
 Skin contact : Remove contaminated clothes immediately. Wash affected area with soap & Plenty of water. If irritation occurs, obtain medical attention.
 Inhalation : Remove affected person to fresh air. If symptoms persist obtain medical Attention.
 Ingestion : If swallowed wash out mouth. Do not induce vomiting. Obtain medical Attention immediately.

5. IN EVENT OF FIRE

Fight Fire With Bitumen Emulsions are water based products normally it will not burn
 Fight fire with plenty of water (large fire).

Further information : Use protective equipment while fighting fire.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions : Wear suitable clothing, gloves and eye/face protection. Immediately issue NO SMOKING & NO NAKED FLAMES warnings.
 Environmental Precautions : Avoid entry into drains, sewers and water courses.
 Decontamination Procedures : Absorb with suitable material like sand, earth. Seal in plastic bag & bury in Landfill.

7. HANDLING & STORAGE

Storage	: Keep containers tightly closed and dry. Material must store under shaded area avoid from direct sun light.
Handling	: Maintain good standards of personal hygiene. Use in well ventilated areas to Avoid vapor fumes. Suitable respiratory equipment should be worn when working in closed environments.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Personal Protective equipment	: Use Ori-nasal respirator if product is used in confined spaces.
Eye protection	: Safety goggles
Skin protection	: Impervious gloves : Wash hands before breaks and after finishing work. Do not eat, drink or smoke at workplace.
Industrial Hygiene	: Use local exhaust ventilation. Use flameproof equipment and measures.
Engineering Control	: Isolate all potential sources of ignition.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form	: Liquid.
Color	: Dark Brown.
Odour	: Characteristic.
Boiling point, °C	: N.A.
Melting point, °C	: N.A.
Flash Point, °C	: Non Flammable
Autoflammability, °C	: N.A.
Explosive Properties (%)	: N.A.
Specific Gravity at 25°C	: 1.01
Vapour Pressure, KPa at 20°C	: 2.3 (water)
Ph value	: Approx. 9-11
Solubility in water	: Emulsifiable
VOC (%)	: Nil

10. STABILITY AND REACTIVITY

Stability	: Stable.
Incompatibility	: Strong acids.
Hazardous decomposition	: Thermal decomposition: sulphur compounds including hydrogen sulphide.

11. INFORMATION ON TOXICITY

The following toxicological assessment is based on knowledge of the toxicity of the product's components.

Oral LD50, rat > 2gm/kg.

On Eyes	: Irritation.
On Skin	: Unlikely to irritate on brief or occasional exposure.
Inhalation	: Low volatility makes inhalator unlikely at ambient temperatures.
Ingestion	: Low order of acute toxicity. May cause irritation of mouth, throat and digestive tract. : Repeated and prolonged skin contact may lead to skin disorders.

12. INFORMATION ON ECOLOGICAL EFFECTS

Mobility	: Mobile liquid, insoluble in water.
Persistence & Degradability	: Expected not to be readily biodegradable.
Bio-accumulative Potential	: Non bio degradable.
Eco-toxicity	: Not eco friendly. Toxic.
Acute Toxicity	: Moderate.

13. DISPOSAL

Disposal	: Use licensed waste disposal contractors and consult local authority when disposing of this product
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14. TRANSPORT

: This product is classified as non hazardous for transport.

15. REGULATIONS

Labeling	: Labeling according to EEC directives concerning preparations- N.A.
Symbol	: Non Flammable
R Phrases(s) R36	: Irritating to eyes.
S Phrase (s). S25	: Avoid contact with eyes.
S28	: Avoid contact with skin, wash immediately with plenty water.
S36/37/39	: Wear suitable protective clothing, gloves and eye/face protection.

DISCLAIMER

The information in this Material Safety Data Sheet (MSDS) is believed to be correct as of the date of issue. However, no warranty or representation, express or implied, is made as to the accuracy or completeness of the foregoing data and safety information, nor is any authorization given for implied to practice any patented invention without a license. User is responsible for determining whether the Al Majara product is fit for a particular purpose and suitable for user's method of use or application. In addition, no responsibility can be assumed by vendor for any damage or injury resulting from abnormal use, from any failure to adhere to recommended practices or from any hazard inherent in the nature of the product. This product must be stored, handled and used in compliance with current regulation and laws. Furthermore, the specifications and description herein cannot be used to void a contract.