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**VURA**<sup>®</sup>

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VURA **Oxi7010**<sup>®</sup>

## MATERIAL SAFETY DATA SHEET

### PART A

#### 1. PRODUCT AND COMPANY INFORMATION

##### i) Product Information:

Product Name : VURA Oxi7010 Part A  
Physical form : Viscous paste  
Colour : Hazy

##### ii) Company Information

Manufacturer : Vura Bau-Chemie LLP  
Address : 1302, 13<sup>th</sup> Floor, Elite Business Hub, Sola, Ahmedabad 380060, Gujarat, India.  
Tel : +91 79 4849 2890  
Mail : care@vura.ae

#### 2. HAZARDS INFORMATION

Properties / Symbols:

Xi Irritant

R Phrases:

- R36/38 Irritating to eyes and skin.
- R43 May cause sensitization by skin contact.
- R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

If brought into contact with

- The eyes, the product causes irritation
- The skin, the product may cause sensitization of the skin.
- Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment
- Precautionary statements:
- Avoid breathing mist/vapours
- Wash hands thoroughly after handling.
- Avoid release to the environment.
- Wear protective gloves/protective clothing/eye protection/face protection.
- If skin irritation or rash occurs: Get medical advice/attention.
- If eye irritation persists: Get medical advice/attention

Other Hazard

PBT: not yet assessed vPvB: not yet assessed.

#### 3. COMPOSITION/ INGREDIENT COMPONENTS

Component	CAS No.	Percentage (w/w%)	Hazardous Classification
Reaction product of Epichlorohydrin and Bisphenol A	025068-38-6	60-90%	Irritant XI
Aliphatic Alkyl Glycidyl Ether		1-20%	Irritant XI
Propyl Trimethoxysilane	2530-83-8	1-5%	Irritant XI
Additive		5-10%	Irritant XI

#### 4. FIRST-AID MEASURES

- i) Inhalation : Remove to fresh air. If effects occur consult a physician
- ii) Skin contact : Remove contaminated clothing and rinsed immediately with plenty of running water and possibly with soap and soap.
- iii) Eyes contact : Flush with plenty of water at least 15 mins.  
: Obtain medical assistance if symptoms persist
- iv) Swallowing : Nausea.  
: Clear mouth, nose and throat. seek as soon as medical assistance.



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### 5. FIRE FIGHTING MEASURES

- i) Fire Hazard : Combustion. Do not inhale explosion and combustion gases.
- ii) Protection : Protective clothing and self- contained breathing equipment should be available for fireman.

### 6. ACCIDENTAL RELEASE MEASURES

- i) Personal protection : Wear PVC- gloves and goggle to contain spills.  
Avoid repeated skin contact
- ii) Environmental precautions : Prevent the product contamination in soil and groundwater. Prevent the entering sewers and waterways.
- iii) Product Cleaning/ Recovery : Large spillages: Contain and pump into containers  
Small spillages: Absorb on sand and collect into containers for disposal.

### 7. HANDLING AND STORAGE

- i) Handling : Good industrial and personnel hygiene practice should be followed.  
Avoid contact with skin and eyes, inhalation of vapours and mists.
- ii) Storage : Keep only in the original container in a cool, well ventilated place away from Extremely high or low temperatures. Keep container closed when not in use.
- iii) Specific use : Use the best available methods of handing our products whereby employees enjoy maximum safety and whereby the environment is minimally affected.

### 8. EXPOSURE CONTROL / PERSONAL PROTECTION

- i) Exposure limit values : No danger in normal ambient conditions.  
Users should determine the conditions for safe use of the products.
  - ii) Exposure controls : Personal protective equipment: Avoid all unnecessary exposure.  
Materials for protective clothing: In case of repeated or prolonged exposure use  
Chemical resistant protective apron/clothing  
Hand protection: Wear protective gloves  
Eye protection: Chemical goggles or safety glasses  
Skin and body protection: Chemical resistant gloves  
Chemical resistant safety shoes.  
IF ON SKIN: Wash with plenty of soap and water.  
Respiratory protection: Wear appropriate mask
- Other information : Do not eat, drink or smoke during use.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

- i) Physical state/Appearance : Viscous paste
- ii) Color : Hazy
- iii) Oder : Characteristic
- iv) pH value : NA
- v) Density [ kg/l @ 27° C ] : Approx. 1.15 Kg/m<sup>3</sup>
- vi) Solubility in water : Insoluble
- vii) Flash point [°C] : Not applicable
- viii) Auto-ignition temperature [°C] : Not applicable
- ix) Explosive properties : No components with explosive properties
- x) Oxidizing properties : N.A. - No component with oxidizing properties
- xi) Solid/gas flammability : N.A.



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### 10. STABILITY AND REACTIVITY

- i) Conditions to avoid : Stable under the normal storage conditions.
- ii) Materials to avoid : Strong reducing agents. Oxidizing agents and strong acids.
- iii) Hazardous decomposition : Possibly other toxic vapours in case of fire.

### 11. TOXICOLOGICAL INFORMATION

- On product : No toxicity data available for mixture  
Under normal industrial conditions, there is no indication that the product can be considered as a health risk.  
Skin contact should be avoided to prevent possible long - term or short - term Sensation.

### 12. ECOLOGICAL INFORMATION

- i) Biodegradability : No data available on the preparation.  
Adopt good industrial practices, so that the product is not released into the environment.
- ii) Eco-Toxicological Information : Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment
- iii) Results of PBT and vPvB assessment : vPvB Substances: None - PBT Substances: None

### 13. DISPOSAL CONSIDERATION

- Dispose of waste and residues in accordance with local authority requirements.  
Avoid release to the environment.

### 14. TRANSPORT INFORMATION

- i) General information : Epichlorohydrin and Bisphenol A
- ii) Environmental hazards : Environmentally  
**Hazardous substance**  
ADR-Environmental Pollutant : Yes  
IMDG-Marine Pollutant : Yes

### 15. REGULATORY INFORMATION

- i) Safety, health and environmental regulations/legislation specific for the substance or mixture VOC: N.A.
- ii) Chemical safety assessment: No Chemical Safety Assessment has been carried out for the mixture

### 16. OTHERS INFORMATION

DISCLAIMER OF LIABILITY The information in this MSDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This MSDS was prepared and is to be used only for this product. If the product is used as component in another product, this MSDS information may not be applicable.



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# MATERIAL SAFETY DATA SHEET

## PART B

### 1. PRODUCT AND COMPANY INFORMATION

#### i) Product Information:

Product Name : VURA Oxi7010 Part B  
Physical form : Viscous Paste  
Colour : Translucent

#### ii) Company Information

Manufacturer : Vura Bau-Chemie LLP  
Address : 1302, 13<sup>th</sup> Floor, Elite Business Hub, Sola, Ahmedabad 380060, Gujarat, India.  
Tel : +9179 4849 2890  
Mail : care@vura.ae

### 2. HAZARDS INFORMATION

Properties / Symbols:

Xi Irritant  
Xn Harmful

R Phrases:

- R36/38 Irritating to eyes and skin.
- R43 May cause sensitization by skin contact.
- R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

If brought into contact with

- The eyes, the product causes irritation
- The skin, the product may cause sensitization of the skin.
- Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment
- Precautionary statements:
  - Avoid breathing mist/vapours
  - Wash hands thoroughly after handling.
  - Avoid release to the environment.
  - Wear protective gloves/protective clothing/eye protection/face protection.
  - If skin irritation or rash occurs: Get medical advice/attention.
  - If eye irritation persists: Get medical advice/attention

Other Hazard

PBT: not yet assessed vPvB: not yet assessed.

### 3. COMPOSITION/ INGREDIENT COMPONENTS

Component	CAS No.	Percentage (w/w%)	Hazardous Classification
Polyoxypropylenediamine	9046-10-0	50-70%%	Irritant, Xi
Alkyle amine		30-50%	Irritant, Xi, Harmful Xn

### 4. FIRST-AID MEASURES

- i) Inhalation : Remove to fresh air. If effects occur consult a physician
- ii) Skin contact : Remove contaminated clothing and rinsed immediately with plenty of running water and possibly with soap and soap.
- iii) Eyes contact : Flush with plenty of water at least 15 mins.  
: Obtain medical assistance if symptoms persist
- iv) Swallowing : Nausea.  
: Clear mouth, nose and throat. seek as soon as medical assistance.



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### 5. FIRE FIGHTING MEASURES

- i) Fire Hazard : Combustion. Do not inhale explosion and combustion gases.
- ii) Protection : Protective clothing and self-contained breathing equipment should be available for fireman.

### 6. ACCIDENTAL RELEASE MEASURES

- i) Personal protection : Wear PVC-gloves and goggles to contain spills.  
Avoid repeated skin contact
- ii) Environmental precautions : Prevent the product contamination in soil and groundwater. Prevent the entering sewers and waterways.
- iii) Product Cleaning/ Recovery : Large spillages: Contain and pump into containers  
Small spillages: Absorb on sand and collect into containers for disposal.

### 7. HANDLING AND STORAGE

- i) Handling : Good industrial and personnel hygiene practice should be followed.  
Avoid contact with skin and eyes, inhalation of vapours and mists.
- ii) Storage : Keep only in the original container in a cool, well ventilated place away from extremely high or low temperatures. Keep container closed when not in use.
- iii) Specific use : Use the best available methods of handling our products whereby employees enjoy maximum safety and whereby the environment is minimally affected.

### 8. EXPOSURE CONTROL / PERSONAL PROTECTION

- i) Exposure limit values : No danger in normal ambient conditions.  
Users should determine the conditions for safe use of the products.
  - ii) Exposure controls : Personal protective equipment: Avoid all unnecessary exposure.  
Materials for protective clothing: In case of repeated or prolonged exposure use  
Chemical resistant protective apron/clothing  
Hand protection: Wear protective gloves  
Eye protection: Chemical goggles or safety glasses  
Skin and body protection: Chemical resistant gloves  
Chemical resistant safety shoes.  
IF ON SKIN: Wash with plenty of soap and water.  
Respiratory protection: Wear appropriate mask
- Other information : Do not eat, drink or smoke during use.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

- i) Physical state/Appearance : Liquid
- ii) Color : Translucent
- iii) Odor : Characteristic
- iv) pH value : No data available
- v) Density [kg/l @ 27° C] : 1.05 Kg/m<sup>3</sup>
- vi) Solubility in water : Partly soluble
- vii) Melting point : No data available
- viii) Freezing point : No data available
- ix) Boiling point : No data available
- x) Flash point : No data available
- xi) Auto-ignition temperature : No data available
- xii) Decomposition temperature : No data available
- xiii) Flammability (solid, gas) : Non flammable



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- xiv) Vapour pressure : No data available
- xv) Explosive properties : Product is not explosive.
- xvi) Oxidising properties : No data available
- xvii) Explosive limits : No data available

### 10. STABILITY AND REACTIVITY

- i) Conditions to avoid : Stable under the normal storage conditions.
- ii) Materials to avoid : Strong reducing agents. Oxidizing agents and strong acids.
- iii) Hazardous decomposition : Possibly other toxic vapours in case of fire.

### 11. TOXICOLOGICAL INFORMATION

- On product : No toxicity data available for mixture  
Under normal industrial conditions, there is no indication that the product can be considered as a health risk.  
Skin contact should be avoided to prevent possible long - term or short - term Sensation.

### 12. ECOLOGICAL INFORMATION

- i) Biodegradability : No data available on the preparation. Adopt good industrial practices, so that the product is not released into the environment.
- ii) Eco-Toxicological Information : Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment
- iii) Results of PBT and vPvB assessment : vPvB Substances: None - PBT Substances: None

### 13. DISPOSAL CONSIDERATION

- Dispose of waste and residues in accordance with local authority requirements.  
Avoid release to the environment.

### 14. TRANSPORT INFORMATION

- i) General information : Amine liquid corrosive ( Refer composition )
- ii) Environmental hazards : Harmful  
ADR-Environmental Pollutant : No data available  
IMDG-Marine Pollutant : No

### 15. REGULATORY INFORMATION

- i) Safety, health and environmental regulations/legislation specific for the substance or mixture VOC: N.A.
- ii) Chemical safety assessment: No Chemical Safety Assessment has been carried out for the mixture

### 16. OTHERS INFORMATION

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