

# MATERIAL SAFETY DATA SHEET

## HOMO-POLYMER

### 1 IDENTIFICATION OF THE PRODUCT AND THE COMPANY

#### 1.1 IDENTIFICATION OF THE SUBSTANCE / PREPARATION:

**Product Name:** HOMO-POLYMER  
**Code :** HOMO-POLYMER  
**Application :** General Purpose adhesives

#### 1.2 IDENTIFICATION OF THE COMPANY:

RAR Resin & Chemical Industries JLT  
11th Floor, Jumeirah Lake Towers, P.O. Box: 47381, Dubai UAE  
Tel: +971 4 4356516 / +971 4 4356517      Email: info@rarresin.com  
Fax: +971 4 4356518      Website: www.rarresin.com

### 2 COMPOSITION / INFORMATION ON INGREDIENTS

Water Based Acrylic Emulsion  
Conc. Wt%  
Ca. 48.5% Monomers  
Ca. 1.5% emulsifiers  
Ca. 50% Water

### 3 HAZARDS IDENTIFICATION

Harmful if swallowed.

### 4 FIRST AID MEASURES

#### General information

Remove soiled, soaked clothing immediately .Medical treatment Is necessary if symptoms are evidently caused by the effects on The skin, or the eyes, or by swallowing.

#### After contact with skin

Wash off immediately with soap and water. If skin irritation Occurs consult a physician.

#### After contact with eyes

Flush thorough with a large amount of water and consult a Physician.

#### After ingestion

Call a physician immediately.

#### DISCLAIMER

This information contained in the data sheet is to the best of our knowledge correct and up to date. Under well-defined conditions. Its accuracy or suitability under the actual conditions of any independent use is not guaranteed and must be determined by the user. All advice given about this product is given in good faith. Since as we have no control over conditions of substrate, manufacturer and seller cannot accept any liability in connection with the use of the product relative to coverage, performance, injury, or damage, unless we specify in writing to do so. The information in this data sheet is subject to change without prior notice and it is the user responsibility to ensure it is current. For further information and advice please contact RAR RESIN Technical Service Department.

## 5 FIRE FIGHTING MEASURES

### Suitable extinguishing media

Water spray, foam, dry chemical, carbon dioxide

### Unsuitable extinguishing media for safety reasons

Full water jet.

### Special protective equipment for fire fighting

Wear self- contained breathing apparatus

## 6 ACCIDENTAL RELEASE MEASURES

### Precautionary measures related to people

Take care for adequate ventilation. Use personal protective Clothing.

### Environmental protection measures

Prevent product from getting into drains/surface water/ground Water.

### Methods of cleaning/adsorption

Take up mechanically. Dispose off in accordance with regulations.

## 7 HANDLING AND STORAGE

### Handling

#### Instructions on safe handling

Keep container tightly closed. Ensure the area is well ventilated

#### Information on fire and explosion protection.

Avoid Dust formation. In the event of fire, cool the endangered Containers with water.

### Storage

#### Requirements for storage areas and containers

Keep only in the original containers at a temperature not exceeding 30°C. Protect from light.

## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

### Personal protective equipment

#### General protective measures

Avoid contact with eyes and skin.

#### Hygiene measures

Store work clothes separately. Remove soiled or soaked clothes immediately. Follow the usual good standards of occupational Hygiene.

#### Respiratory protection

Filtering half mask

#### Hand protection

Rubber gloves

#### Eye protection

Goggles.

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## 9 PHYSICAL AND CHEMICAL PROPERTIES

### Appearance

Form : Liquid  
Color : White / Blue hazy  
Odor : Acrylic Odor

### Data relevant to safety

#### Changes in physical state

Melting Temperature	not applicable
Boiling Temperature	approx. 100°C as Water
Flash Point	not applicable
Ignition temperature	not applicable
Lower explosion limit	not applicable
Upper explosion limit	not applicable
Vapor pressure at 20.C	23 mbar as water
Specific gravity	1.058
Freeze thaw stability	5 cycles
Minimum film forming temp	16°C to 18°C
pH when packed	6-8

## 10 STABILITY AND REACTIVITY

### Thermal decomposition

No decomposition when used as directed

### Hazardous reactions

Polymerization with heat evolution may occur in the presence of radical forming substances (e.g. Peroxides), reducing Substances, and/or heavy metal ions

### Hazardous decomposition products

None when used as directed.

## 11 TOXICOLOGICAL INFORMATION

Carefully avoid skin and eye contact.

## 12 DISPOSAL CONSIDERATIONS

### Product

Waste is hazardous and therefore particularly to be kept under Surveillance. It must be disposed of in accordance with the Regulations after consultation of the competent local authorities And the disposal company in a suitable an licensed facility.

### Unclaimed packing

Uncontaminated packing may be taken for recycling. Contaminated Packing should be emptied optimally and after appropriate Professional cleaned should be disposed of professionally.

## 13 TRANSPORT INFORMATION

### Further information

Not a dangerous good within the meaning of transportation regulations.

## 14 REGULATORY INFORMATION

No hazardous components to be taken into account for labeling

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## 15 ECOLOGICAL INFORMATION

### Environmental Summary

Birds : non toxic to birds

Fish : non toxic to fish

NON TOXIC TO BEES

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The information contained in this material data sheet is believed to Be reliable but no representation, guarantee or warranties of any Kind are made as to its accuracy, suitability for a particular Application or results to be obtained from them. It is however Ensures that the information contained in the material safety data Sheet is relevant to the product manufactured/handled or sold as The case may be by us, makes no warranty expressed or implied In respect of the adequacy of this documents for the any Particular purpose.