

MATERIAL SAFETY DATASHEET

Revision Date: May 2021

1. PRODUCT AND COMPANY IDENTIFICATION

Brand Name	OMEGA UNIPOX
Product Names (Product Codes)	<ol style="list-style-type: none"> 1. Omega Unipox Sealer (2200) + Hardener (8200) 2. Omega Unipox Putty (6600) + Hardener (8600) 3. Omega Unipox Gloss (4210) + Hardener (8210) 4. Omega Unipox Matt (4212) + Hardener (8213) 5. Omega Unipox High-Build VOC-Free (4216) + Hardener (8216) 6. Omega Unipox Thinner (9020)
Product Class	Epoxy
Product Group	Protective Coatings and General Industries
System Series	Two-Component Epoxy Floor Coatings
Composition / Ingredients	Mixture of Solvents, Epoxy Resins and Powder Filler
Recommended Use	Industrial and Trade Applications
Manufacturer	<p>Omega Paints and Chemical Industries Building 604, Road 111, Block 601 North Sitra Industrial Area, Kingdom of Bahrain Phone: +973 1773 0015 Fax: +972 1773 2288 Web: omegapaints.net</p>

2. HAZARDS IDENTIFICATION

Classification	These chemicals is considered hazardous as per the Annex III of European Union Directive 67/548/ECC) and 1999/45/EC
Risk Phrases	R36/38: Irritating to eyes and skin R43: May cause sensitization by skin contact R51/53 Toxic to aquatic organisms, may cause long-term adverse effects 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: Wear suitable gloves S57: Use appropriate containment to avoid environmental contamination S60: This material and its container must be disposed of as hazardous waste S61: Avoid release to the environment. Refer to special instructions/safety datasheet P5: Contains epoxy constituents. See information supplied by the manufacturer
Hazard Identification	Irritating to eyes and skin May cause sensitization by skin contact Toxic to aquatic organisms May cause long-term adverse effects in the aquatic environment
Precautionary Statements – Prevention	Wash face, hands and any exposed skin thoroughly after handling Wear protective gloves / protective clothing / eye protection / face protection Avoid breathing dust /fumes /gas / mist / vapors / spray Contaminated work clothing should not be allowed out of the workplace

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	<p>Eyes If in eyes; Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists; Get medical advice / attention</p> <p>Skin If on skin; Wash with plenty of soap and water Take off contaminated clothing and wash before reuse If skin irritation or rash occurs; Get medical advice / attention</p>
Precautionary Statements – Disposal	Dispose of contents / container to an approved waste disposal plant
Other Hazards	<p>Important Designed to be mixed with other components. Mixture will have hazards of all components. Before opening packages, read all warning labels. Follow all precautions</p> <p>Caution All floor coatings may become slippery when wet. Where non-skid characteristics are desired, use an appropriate anti-slip aggregate</p>

3. FIRST AID MEASURES

General Advice	No hazards which require special first aid measures
Eye Contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician
Skin Contact	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. If skin irritation persists, call a physician. Wash clothing before reuse. Destroy contaminated articles such as shoes
Inhalation	Move to fresh air and rest. If symptoms persist or difficulty breathing, call a physician.
Ingestion	Clean mouth with water and afterwards drink plenty of water. Consult a physician if necessary
Most Important Symptoms/Effects	May cause allergic skin reaction
Note To Physician	Treat symptomatically

4. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media	Carbon Dioxide (CO ₂) and Dry Sand Use extinguishing measures that are appropriate to local circumstances and the surrounding environment
Media Not Suitable For Safety Reasons	Strong Water Jet Special exposure hazards arising from substance on preparation itself, its combustion product, or released gases. In the event of fire, the following can be released: <ul style="list-style-type: none"> - Carbon Dioxide (CO₂) - Carbon Monoxide (CO) - Nitrogen Oxides (NO)
Special Protective Equipment for Firefighters	As in any fire, wear self-contained breathing apparatus pressure-demand, Civil Defense (approved or equivalent) and full protective gear
Special Hazards Arising From The Chemical	Closed containers may rupture if exposed to fire or extreme heat

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Sensitivity To Mechanical Impact	No
Sensitivity To Static Discharge	No
Additional Information	In the event of fire, cool tanks with water spray. Suppress gases / vapors / mists with water spray jet. Collect contaminated fire extinguishing water separately. Do not discharge into the drains / surface waters / groundwater

5. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Avoid contact with skin, eyes and clothing. Wear protective equipment. Keep away from heat and sources of ignition. Ensure adequate ventilation
Other Information	Prevent further leakage or spillage if safe to do so
Environmental Precautions	Do not discharge into the drains / surface water / groundwater
Methods for Cleaning Up	Soak up with inert absorbent material. Sweep up and shovel into suitable containers for disposal

6. HANDLING AND STORAGE

Handling	Avoid contact with skin, eyes and clothing. Avoid breathing vapors, spray mists or sanding dust. In case of insufficient ventilation, wear suitable respiratory equipment. Keep away from sunlight and heat
Storage	Keep container tightly closed in a dry, cool, and well-ventilated place. Keep out of the reach of children. Containers which are opened must be carefully resealed and kept upright to prevent leakage.
Incompatible Materials	Acids, Halogens, Oxidizing Agents

7. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits	No exposure limits have been established for these products
Additional Information	These products do not contain any relevant quantities of materials with critical values that have to be monitored at the workplace
Engineering Measures	Ensure adequate ventilation, especially in confined areas
Personal Protective Equipment	Eye/Face Protection: Safety glasses with side-shields (tightly-fitted) Skin Protection: Protective gloves with impervious clothing (solvent-resistant) Respiration Protection: In case of insufficient ventilation wear suitable respiratory equipment
Hygiene Measures	Avoid contact with skin, eyes and clothing. Remove and wash contaminated clothing before re-use. Wash thoroughly after handling
Occupational Exposure Controls	Do not breathe vapors. Avoid repeated exposure. Do not eat, drink, smoke or take drugs at the workplace. Keep away from food, drinks and animal feeding products.

8. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Translucent / Clear
Color	Clear / White, Grey, Yellow, and other colors
Odor	Solvent-like
Boiling Point / Range	152 °C
Flash Point	62 °C , closed up
Relative Density	0.9 – 1.5 (approx.)
Bulk Density	Not Applicable

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Solubility	Water Solubility: Insoluble Solubility in Other Solvents: Soluble in organic solvents Vapor Density: No data available Auto Ignition Temperature: No data available
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9. STABILITY AND REACTIVITY

Reactivity	Not Applicable
Chemical Stability	Stable under normal conditions
Conditions to avoid	Prevent from freezing
Materials to avoid	Acids, Halogens, Oxidizing Agents
Hazardous Decomposition Products	Carbon Dioxide (CO ₂), Carbon Monoxide (CO), Nitrogen Oxides (NO)
Possibility of Hazardous Reactions	None under normal conditions of use

10. TOXICOLOGICAL INFORMATION

Principle Routes of Exposure	Eye contact, skin contact and inhalation
Acute Toxicity	No information available
Sub-acute Toxicity	No information available
Reproductive Toxicity	No information available
Symptoms	<p><u>Related to Physical, Chemical, and Toxicological Characteristics</u> No information available</p> <p><u>Delayed and immediate effect as well as chronic effects from short and long-term exposures</u> Eye contact: May cause slight irritation Skin contact: Substance may cause slight skin irritation. Prolonged or repeated contact may dry skin and cause irritation Inhalation: May cause irritation of respiratory tract Ingestion: May cause gastrointestinal irritation, nausea, vomiting and diarrhea. Sensitization: May cause an allergic skin reaction</p>

11. ECOLOGICAL INFORMATION

Eco-toxicity Effects	The environmental impact of these products have not been fully investigated
Acute Toxicity	To Fish: No information available To Aquatic Invertebrates: No information available To Aquatic Plants: No information available
Persistence / Degradability	The product is not biodegradable
Bioaccumulation	No information available
Mobility in Environment Media	No information available
Ozone	No information available
Other Adverse Effects	No information available

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12. DISPOSAL CONSIDERATIONS

Product / Waste Disposal Method	Dispose of in accordance with local, national, and regional regulations wherever applicable. Local requirements may vary, consult your sanitation department or state-designated environmental protection agency for more disposal information
Contaminated Package	Empty contaminated packaging thoroughly. Recycle after thorough and proper cleaning
Cleaning Agent	The solvent used when processing the product, e.g. white spirit, paraffin, DOP

13. TRANSPORTATION INFORMATION

Land Transport (ADR/RID)	UN 3082 – Environmentally Hazardous Substance – Hazard Class 9, Packing Group III
Sea Transport (IMDG/IMO)	UN 3082 – Environmentally Hazardous Substance – Hazard Class 9, Packing Group III
Air Transport (ICAO/IATA)	UN 3082 – Environmentally Hazardous Substance – Hazard Class 9, Packing Group III

14. REGULATORY INFORMATION

Designation According to EC Guidelines	Labeling according to Directive 67/548/ECC and 1999/45/EC
Hazard Determining Components of Labeling	 IRRITANT  DANGEROUS FOR THE ENVIRONMENT
Risk Phrases	R36/38: Irritating to eyes and skin R43: May cause sensitization by skin contact R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
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WARNING! If you scrape, sand, or remove old paint, you may release lead dust. Lead is toxic. Exposure to lead dust can cause serious illness, such as brain damage, especially in children. Pregnant women should also avoid exposure.



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Disclaimer

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