



Material SAFETY DATA SHEET

Quickmast EP200WD – Base

1: PRODUCT AND COMPANY IDENTIFICATION

Product Name: **Quickmast EP200WD - Base**

Description: Water dispersible epoxy based tile adhesive and grout

Manufacturer: **Ayla Construction Chemicals**
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MSDS Number: DCP/10/01/10-B

2: COMPOSITION / INFORMATION ON INGREDIENTS

Composition:	Epoxy resin, synthetic resin.			
Hazardous Ingredient(s)	Symbol	Risk Phrases	CAS No.	%
Hydrocarbons, C9-unsaturated polymers with phenol	-	-	71302-91-5	10 - 20
Alkyl c12 - c14 glycidyl ether	-	-	68609-97-2	5 - 10
Bisphenol-A epoxy resin I	-	-	25068-38-6	70 - 80

Refer to Section 8 for Occupational Exposure Limits.

3: HAZARDS IDENTIFICATION

Hazard Information: Harmful if swallowed.
Irritating to eyes and skin.
May cause sensitization by skin contact.
Toxic to aquatic organisms, may cause long-term adverse effect in aquatic environment.
Dangerous for environment.

Classification: Xn, Xi, N. R22, 36/38, 43, 51/53



4: FIRST AID MEASURES

Eyes:	For eyes contact, immediately flush eyes for 15 minutes with running water. Hold eyelids apart to ensure rinsing of the entire surface and lids with water. Get immediate medical attention.
Skin:	<p>For skin contact, wash with large amounts of running water, (and soap), if available, for 15 minutes. Remove contaminated clothing and shoes. Get immediate medical attention. Discard or decontaminate clothing before re-use and destroy contaminated shoes.</p> <p>NOTE TO PHYSICIANS: Application of corticosteroid cream has been effective in treating skin irritation.</p>
Inhalation:	<p>Remove casualty from exposure ensuring one's own safety whilst doing so. If unconscious, check for breathing and apply artificial respiration if necessary. If unconscious and breathing is OK, place in the recovery position. If conscious, ensure the casualty sits or lies down. If breathing becomes bubbly, have the casualty sit and provide oxygen if available.</p> <p>Transfer to hospital as soon as possible.</p>
Ingestion:	<p>If swallowed, give at least 3-4 glass of water but do not induce vomiting. If vomiting occurs, give water again. Do not give anything by mouth to an unconscious or convulsing person. Get Medical attention. Have physician determine whether vomiting or stomach evacuation is necessary.</p>
General Advice:	<p>Promptly remove wet contaminated non-impervious clothing.</p> <p>Wash before reuse. No specific antidote. Treatment of exposure should be directed at the control of symptoms and the clinical condition of the patient .</p>

5: FIRE FIGHTING MEASURES

Flash Point:	None.
Special Exposure Hazards:	Decomposition and combustion product may be toxic. Under conditions of incomplete combustion or pyrolysis, Phenolics and carbon dioxides may be evolved. The thermal decomposition products therefore should be treated as potentially hazardous substances and appropriate precautions should be taken.
Extinguishing Media:	Carbon dioxide, foam, dry chemical & water spray. Never use direct water jet.
Personal Protective Equipment:	Use self –contained breathing apparatus & protective suit.



6: ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Avoid all personal contact. Use self-contained breathing apparatus and chemically protective clothing. Wear suitable protective clothing, gloves and eye/face protection. Evacuate personnel to safe areas.
Environmental Precautions:	Contain liquid to prevent contamination of soil, surface water or ground water. Flushings and wash waters must be contained and prevented from entering into soil, water ways and ground water. Large spills: Contain with dike.
Decontamination Procedures:	Cover and soak up with a suitable absorbent material, such as Sand. Shovel and collect in suitable and properly labeled containers. Dispose of according to applicable regulations. Disposal consideration: Residual can be removed with solvent. Solvents are not recommended for cleanup unless the recommended exposure guidelines and safe handling practices for the specific solvent are followed. Residual product may be removed using steam or hot soapy water.

7: HANDLING AND STORAGE

Handling:	Avoid contact with eyes, skin and clothing. Avoid breathing vapor, mist or spray. Use only with good ventilation. Promptly remove wet contaminated non-impervious clothing and wash before reuse. Destroy contaminated leather and absorbent shoes. Individuals should wash thoroughly after handling. When using, do not eat, drink or smoke.
Storage:	Store in cool, dry area in sealed containers. Keep containers closed to prevent moisture absorption and contamination.

8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

Eye Contact:	Tightly sealed chemical safety glasses.
Skin Contact:	Protective work clothing. Wear plastic gloves (Butyl rubber BR, Nitrile rubber NBR) The breakthrough time of the selected glove(s) must be greater than the intended use period.
Respiratory Protection:	Organic chemical cartridge respirator, if needed.
Engineering Controls:	Good general mechanical ventilation and local exhaust.
Exposure Guidelines:	Construct a dike to prevent spreading.



9: PHYSICAL AND CHEMICAL PROPERTIES

Form:	Clear liquid lumps free
Colour:	Variable
Odour:	Characteristic
pH (concentrate):	Not applicable
Boiling Point (°C):	Not applicable
Flash Point (closed cup) (°C):	None
Autoflammability (°C):	Not applicable
Explosive Properties (%):	Not known
Relative Density (@25°C):	1.08 - 1.18
Water Solubility:	Not applicable

10: STABILITY AND REACTIVITY

Stability:	Stable.
Conditions to Avoid:	Avoid strong acids or bases in bulk and elevated temperatures.
Chemical Incompatibility:	Strong oxidizing agents.
Hazardous Decomposition Products:	Carbon monoxide, carbon dioxide, aldehydes.

11: TOXICOLOGICAL INFORMATION

The following toxicological assessment is based on knowledge of the toxicity of the product's components.
Expected oral LD50, rat > 1200 mg/kg.

Health Effects

On Eyes:	Slight irritation.
On Skin:	Moderate irritation.
By Inhalation:	No data is available on the product itself.
By Ingestion:	No data is available on the product itself.



12: ECOLOGICAL INFORMATION

Environmental Assessment:	Do not allow product to reach underground or surface water or sewage system. Poisonous for fish and plankton in water bodies. Toxic for aquatic organisms.
Mobility:	No data available.
Degradability:	(Modified Sturm method): ~ 9%.
Bioaccumulation:	No data available.
Acute Fish Toxicity:	Ecotoxic to fish/daphnia/algae.

13: DISPOSAL CONSIDERATION

Disposal must be in accordance with local and national legislation.




Unused Product:	Dispose off in an approved manner. Do not empty into drains, sewers or water courses.
Used/ Contaminated Product:	As for unused product.
Packaging:	Dispose of container and unused contents in accordance with federal, state, and local requirements.

14: TRANSPORT INFORMATION

This product is **not** classified as dangerous for transport.

15: REGULATORY INFORMATION

Hazard Label Data:

Xi	Xn	N
		
Irritant	Harmful	Dangerous for the environment

Symbol (s):

Xi, Xn, N

Risk Phrases:

R22	Harmful if swallowed.
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 in the aquatic environment.

Safety Phrases:

S23	Do not breathe fumes/aerosol.
S24	Avoid contact with skin.
S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S28	After contact with skin, wash immediately with plenty of soap and water.
S36/37/39	Wear suitable protective clothing, gloves and eye/face protection.
S60	This material and its container must be disposed of as hazardous waste.

16: OTHER INFORMATION

Issue Date:

13/09/2010

Revised Date:

Disclaimer:

The information contained herein is derived from the best available sources and is believed to be accurate. However, no guarantee is expressed or implied regarding the accuracy of the data given in the use of this product.