



Material SAFETY DATA SHEET

Quickmast 110 - Base

1: PRODUCT AND COMPANY IDENTIFICATION

Product Name: **Quickmast 110 - Base**

Description: Base component of two part polyurethane injection repair system

Manufacturer: **Ayla Lebanon**
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Beirut, Lebanon
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2: COMPOSITION / INFORMATION ON INGREDIENTS

Composition: Polyurethane polymer.

Hazardous Ingredient(s)	Symbol	Risk Phrases	CAS No.	%
4,4'-methylenediphenyl diisocyanate	Xn	R20, 36/37/38, 42/43	101-68-8	25 - 50

Refer to Section 8 for Occupational Exposure Limits.

3: HAZARDS IDENTIFICATION

Hazard Information: Harmful by inhalation.
Irritating to eyes, skin and respiratory system.
May cause sensitization by inhalation and skin contact.

Classification: Xn. R20, 36/37/38, 42/43

4: FIRST AID MEASURES

Eyes: Irrigate open eyes immediately with copious quantities of water for 15 minutes. Obtain medical attention if symptoms persist.

Skin: Wash immediately with soap and water or suitable skin cleanser.

Inhalation: Remove from exposure; obtain medical attention if respiratory irritation develops or if breathing becomes difficult.

Ingestion: Rinse mouth thoroughly. Drink plenty of water. Do not induce vomiting. Obtain medical attention. Beware of aspiration if vomiting occurs.



5: FIRE FIGHTING MEASURES

Flash Point (Closed Cup) :	> 150°C.
Extinguishing Media:	Carbon dioxide, powder, foam or water.
Personal Protective Equipment:	Self-contained breathing apparatus.

6: ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Wear suitable protective clothing, gloves and eye/face protection.
Environmental Precautions:	Prevent entry into drains, sewers and water courses.
Decontamination Procedures:	Soak up with inert absorbent such as sand. Gather into labeled containers. Dispose off as applicable regulations.

7: HANDLING AND STORAGE

Handling:	Avoid skin and eye contact. Insure good ventilation at the workspace.
Storage:	Keep container tightly closed in a cool dry area.

8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

Eye Protection:	Safety glasses/goggles - tightly sealed.
Skin Protection:	Impervious gloves (e.g. PVC). Suitable protective clothing.
Engineering Controls:	Good ventilation is recommended, if used in low exposure use respiratory filter devices, if prolonged used use self-contained respiratory protective device.
Exposure Guidelines:	None assigned.

9: PHYSICAL AND CHEMICAL PROPERTIES

Form:	Liquid
Colour:	Brown
Odour:	Characteristic
Boiling Point (°C):	Not applicable
Flash Point (closed cup) (°C) :	> 150
Autoflammability (°C):	Not self igniting.
Explosive Properties (%):	lower (by volume) 0.4% Upper (By volume) 3.2%
Relative Density (@25°C):	1.169
Water Solubility:	Not miscible



10: STABILITY AND REACTIVITY

Stability:	Stable.
Conditions to Avoid:	None Known.
Chemical Incompatibility:	Strong acids. Strong alkalis. Strong oxidizing agents.

11: TOXICOLOGICAL INFORMATION

The following toxicological assessment is based on knowledge of the toxicity of the product's components.
Acute Oral effect LD50 \cong 2200 mg/kg.

Health Effects

On Eyes:	Irritation.
On Skin:	Irritation to skin and mucous membranes.
By Inhalation:	May cause sensitization.
Chronic:	Repeated and prolonged skin contact may lead to skin sensitization.

12: ECOLOGICAL INFORMATION

Environmental Assessment:	When used and disposed as intended, no adverse environmental effects are foreseen. Danger to drinking water if even small quantities leak into the ground.
Mobility:	Liquid. Insoluble in water.

13: DISPOSAL CONSIDERATION

Disposal must be in accordance with local and national legislation.

Unused Product:	Dispose off through an authorized waste contractor to a licensed site.
Used/ Contaminated Product:	As for unused product.
Packaging:	Must be disposed off through an authorized waste contractor.

14: TRANSPORT INFORMATION

No regulations.

15: REGULATORY INFORMATION

Hazard Label Data:

Xn



Harmful

Risk Phrases:

R20	Harmful by inhalation.
R36/37/38	Irritating to eyes, skin and respiratory system.
R42/43	May cause sensitization by inhalation and skin contact.

Safety Phrases:

S9	Keep container in a well-ventilated place.
S23	Do not breathe gas/fumes/vapor/spray.
S24	Avoid contact with skin.
S37	Wear suitable gloves.
S45	In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
S60	This material and its container must be disposed of as hazardous waste.

16: OTHER INFORMATION

Issue Date:

18/06/2008

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.