



# Material SAFETY DATA SHEET

## Gripdeck Flexcoat 100 - Base

### 1: PRODUCT AND COMPANY IDENTIFICATION

Product Name: **Gripdeck Flexcoat 100 - Base**

Description: Base component of two part elastomeric crack-bridging membrane for Gripdeck system

Manufacturer: **Ayla for Building Materials Industry & Trade**  
Al-Karadeh, Arsat Al-Hindia, Baghdad  
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[www.dcp-int.com](http://www.dcp-int.com)

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MSDS Number: DCP/05/08/117-B

### 2: COMPOSITION / INFORMATION ON INGREDIENTS

Composition: Epoxy/polyurethane resin with additives and fillers.

Hazardous Ingredient(s)	Symbol	Risk Phrases	CAS No.	%
Polyurethane-prepolymers with blocked isocyanate-groups	-	-	-	40 - 50

#### reaction product:

bisphenol-A-(epichlorhydrin) epoxy resin (number average molecular weight = 700)	Xi, N	R36/38, 43, 51/53	25068-38-6	7 - 15
Bisphenol F- Epoxyresin	Xi, N	R38, 43, 51/53	28064-14-4	5 - 10

Refer to Section 8 for Occupational Exposure Limits.

### 3: HAZARDS IDENTIFICATION

Hazard Information: 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.

Classification: Xi, N. R36/38, 43, 51/53.

#### 4: FIRST AID MEASURES

Eyes:	Rinse opened eye for several minutes under running water. Then consult doctor.
Skin:	Instantly wash with water and soap and rinse thoroughly. If skin irritation continues, consult a doctor.
Inhalation:	Take affected persons into the open air and position comfortably. Seek medical treatment in case of complaints.
Ingestion:	Rinse mouth thoroughly. Do not induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention.

#### 5: FIRE FIGHTING MEASURES

Flash Point:	> 150 °C.
Special Exposure Hazards:	Formation of toxic gases is possible during heating or in case of fire.
Extinguishing Media:	CO <sub>2</sub> , extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam - Do not use full water jets.
Personal Protective Equipment:	Wear protective clothing and use self-contained breathing apparatus.

#### 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Wear protective clothing. Use breathing protection against the effects of fumes/dust/aerosol.
Environmental Precautions:	Do not allow product to reach sewage system or water bodies. Do not allow to enter the ground/soil.
Decontamination Procedures:	Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose of contaminated material as waste according to item 13. Ensure adequate ventilation.

#### 7: HANDLING AND STORAGE

Handling:	Maintain good standards of personal hygiene. Do not use near sources of ignition. Avoid breathing fumes. Avoid skin and eye contact. Do not eat, drink or smoke whilst using this product. Ensure adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment.
Storage:	Store only in the original container. Store in cool location. Provide floor trough without outlet. Store away from foodstuffs. Keep container tightly sealed.

## 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

Ingestion:	Prevent eating, drinking or smoking in the area of product use.
Eye Contact:	Safety glasses or chemical goggles.
Skin Contact:	Impervious gloves (e.g. PVC).
Respiratory Protection:	In case of insufficient ventilation, wear suitable equipment.
Engineering Controls:	Use only in well ventilated areas. Local exhaust ventilation is recommended.

## 9: PHYSICAL AND CHEMICAL PROPERTIES

Form:	Liquid
Colour:	Yellowish
Odour:	Weak, characteristic
Flash Point (closed cup) (°C):	> 150
Boiling Point (°C):	> 200
Explosive Properties (%):	Not applicable
Freezing Point (°C):	Not applicable
Relative Density (@25°C):	1.00 ± 0.05
Water Solubility:	Not miscible

## 10: STABILITY AND REACTIVITY

Stability:	Stable under normal conditions.
Conditions to Avoid:	Excessive heating. Humidity. Air exposure.
Chemical Incompatibility:	Strong oxidizing agents, alkali, amines and acids.
Hazardous Decomposition Products:	Formation of toxic gases is possible during heating or in case of fire.

## 11: TOXICOLOGICAL INFORMATION

The following toxicological assessment is based on knowledge of the toxicity of the product's components.  
Expected oral LD50, rat > 2000 mg/ kg

### Health Effects

On Eyes:	Causes serious eye damage.
On Skin:	Causes severe skin burns and eye damage.
By Inhalation:	Irritant.
By Ingestion:	Irritant.
Chronic:	Not applicable.

## 12: ECOLOGICAL INFORMATION

Environmental Assessment:	When used and disposed off as intended, no adverse environmental effects are foreseen.
Mobility:	Insoluble in water.
Degradability:	No information available.
Bioaccumulation:	No information available.
Acute Fish Toxicity:	Toxic to aquatic organisms.

## 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:	Disposal must be made according to official regulations.

## 14: TRANSPORT INFORMATION

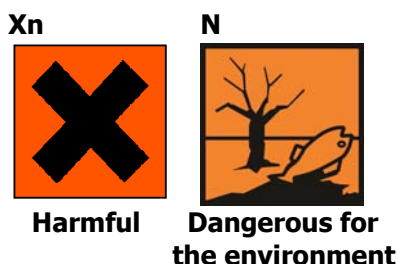


UN/SI Number:	3082
Transport Name:	Environmentally hazardous substance, liquid, n.o.s.

Transport Type:		Class:	Pack Group:	Item:	Marine Pollutant:
At Sea	IMO/IMDG	9	III		Yes
Air Transport	IATA/ICAO	9	III		
At land	RID/ADR	9	III		

## 15: REGULATORY INFORMATION

### Hazard Label Data:



### 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:

S23	Don not breather fumes.
S24/25	Avoid contact with skin and eyes.
S36/37	Wear suitable protective clothing and gloves.
S38	In case of insufficient ventilation, wear suitable respiratory equipment.
S45	In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
S53	Avoid exposure - obtain special instructions before use.
S61	Avoid release to the environment. Refer to special instructions/safety data sheets.
S63	In case of accident by inhalation, remove casualty to fresh air and keep at rest.

## 16: OTHER INFORMATION

Issue Date: 11.10.2020 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.