



# Material SAFETY DATA SHEET

## Flexseal NS550

### 1: PRODUCT AND COMPANY IDENTIFICATION

Product Name: **Flexseal NS550**  
Description: Neutral cure silicone sealant for car windshields  
Manufacturer: **Ayla Construction Chemicals**  
P.O. Box 1117, Amman 11118 Jordan  
Tel. + 962 6 5338891 Fax: + 962 6 5338829  
[www.dcp-int.com](http://www.dcp-int.com)  
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### 2: COMPOSITION / INFORMATION ON INGREDIENTS

Composition: Neutral-curing silicone sealant.

Hazardous Ingredient(s)	Risk Phrases	CAS No.	%
Distillates, petroleum, hydrotreated middle	R45, 49	64742-46-7	5 – 10
Methyl-O,O',O"-butan-2-on-trioximo-silane	R20/21/22, 36/37/38	22984-54-9	< 3
2-Butanone oxime	R40, 43	96-29-7	< 2

Refer to Section 8 for Occupational Exposure Limits.

### 3: HAZARDS IDENTIFICATION

Hazard Information: May cause cancer by inhalation.  
May cause sensitization by skin contact.  
Harmful by inhalation, in contact with skin and if swallowed.

Classification: R20/21/22, 36/37/38



#### **4: FIRST AID MEASURES**

Eyes:	Rinse immediately with plenty of water for 10-15 minutes. Keep eyelids well open to rinse the whole eye surface and eyelids with water. Seek medical advice in case of continuous irritation.
Skin:	Remove contaminated or soaked clothing. Immediately rinse with plenty of soap and water. In serious cases, use emergency shower immediately. In the event of a visible skin change or other complaints, seek medical advice (show label or SDS where possible).
Inhalation:	Keep the patient calm. If unconscious place in stable sideways position. Protect against loss of body heat. Seek medical advice and clearly identify Substance.
Ingestion:	If conscious, give several small portions of water to drink. Do not induce vomiting. Seek medical advice and clearly identify substance.

#### **5: FIRE FIGHTING MEASURES**

Flash Point:	None.
Lower Explosive Limit:	None.
Extinguishing Media:	Water mist, extinguishing powder, alcohol-resistant foam, carbon dioxide, Sand. Extinguishing media which must not be used for safety reasons is the Water jet.
Personal Protective Equipment:	Use respiratory protection independent of recirculated air.
Special Hazards of Product:	Carbon oxides, silicon oxides, nitrogen oxides, incompletely burn hydrocarbons, toxic and very toxic fumes.

#### **6: ACCIDENTAL RELEASE MEASURES**

Personal Precautions:	Wear personal protection equipment.
Environmental Precautions:	Prevent material from entering surface waters, drains or sewers and soil.
Decontamination Procedures:	Scoop up large quantities after dusting surfaces with sand to prevent sticking. Sweep the spilled material and place in an appropriate chemical waste container.

#### **7: HANDLING AND STORAGE**

Handling:	Avoid skin and eye contact. Use in well ventilated area.
Storage:	Store in a dry and cool place. Protect against moisture. Store container in a well-ventilated place.

## 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

Eye Contact:	Protective goggles.
Skin Contact:	Wear protective gloves made of butyl rubber or nitrile rubber, protective clothing.
Engineering Controls:	Use only in well ventilated areas.
Hygiene Measures:	Wash hands at the end of work and before eating.
Occupational Exposure Limits:	None assigned.

## 9: PHYSICAL AND CHEMICAL PROPERTIES

Form:	Paste
Colour:	Black
Odour:	Strong
Boiling Point (°C):	Not applicable
Flash Point (closed cup) (°C):	Not applicable
Autoflammability (°C):	Not applicable
Relative Density (@25°C):	1.35 – 1.45
Water Solubility:	Virtually insoluble

## 10: STABILITY AND REACTIVITY

Stability:	Stable.
Conditions to Avoid:	Moisture.
Chemical Incompatibility:	None known.
Hazardous Decomposition Products:	Thermal combustion will generate small amounts of formaldehyde at temperatures above about 150°C (302°F) through oxidation.

## 11: TOXICOLOGICAL INFORMATION

### Health Effects

On Eyes:	Irritating to eyes.
On Skin:	Irritating to skin.
By Inhalation:	Irritating to respiratory system.
By Ingestion:	Low order of acute toxicity. May cause irritation of mouth, throat and digestive tract.



## 12: ECOLOGICAL INFORMATION

Mobility:	Paste. Insoluble in water.
Degradability:	The product biologically not degradable. Separation by sedimentation.
Bioaccumulation:	Not expected to be bioaccumulate.
Acute Fish Toxicity:	Not expected to be ecotoxic to fish/daphnia/algae.

## 13: DISPOSAL CONSIDERATION

Disposal must be in accordance with local and national legislation.

Unused Product:	Depending on the regulations, waste treatment methods may include, e.g., landfill or incineration.
Used/ Contaminated Product:	Should be treated with the same precautions as the material.

## 14: TRANSPORT INFORMATION

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

## 15: REGULATORY INFORMATION

### Hazard Label Data:

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

Safety phrases:

S2	Keep out of the reach of children.
S36/37/39	Wear suitable protective clothing, gloves and eye/face protection.
S29/35	Do not empty into drains; dispose of this material and its container in a safe way.

## 16: OTHER INFORMATION

Issue Date: 09/10/2016 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.