



# Material SAFETY DATA SHEET

## Flexseal PP800 - Base

### 1: PRODUCT AND COMPANY IDENTIFICATION

Product Name: **Flexseal PP800 - Base**

Description: Base component of an elastomeric high performance, cold applied fuel resistant pavement joint sealant

Manufacturer: **Ayla Construction Chemicals**  
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Date Prepared: 04.04.2011

MSDS Number: DCP/07/03/13-B

### 2: COMPOSITION / INFORMATION ON INGREDIENTS

Composition: Coal tar pitch, polyester resin and inert fillers and additives.

Hazardous Ingredient(s)	Symbol	Risk Phrases	CAS No.	%
Soft coal tar pitch	Xi, N	Carc. Cat. 1; R45, Muta. Cat. 2; R46 Repr. Cat. 2; R60, 61 R41, 43, 51/53 R36/37/38	65996-93-2	15 - 45
Chlorinated paraffin	N	R51/53	63449-39-8	15 - 20
Anhydrous aluminium silicate	-	R36/37, 66	66402-68-4	20 - 30

Refer to Section 8 for Occupational Exposure Limits.

### 3: HAZARDS IDENTIFICATION

Hazard Information: Irritating to eyes, respiratory system and skin.  
May cause cancer.  
May cause heritable genetic damage.  
Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
May impair fertility.  
May cause harm to the unborn child.  
Repeated exposure may cause skin dryness or cracking.

Classification: Xi, N, R36/37/38, 45, 46, 51/53, 60, 61, 66



#### 4: FIRST AID MEASURES

Eyes:	Irrigate with copious quantities of clean water or eyewash solution, holding the eyelids apart, for at least 15 minutes. Obtain medical attention.
Skin:	Wash immediately with soap and water or suitable skin cleanser for at least 15 minutes until no evidence of chemicals remain. Remove contaminated clothes and shoes, wash them before reuse. Obtain medical advice if skin disorders develop.
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

Extinguishing Media:	Dry Chemicals, carbon dioxide, powder.
Personal Protective Equipment:	Self-contained breathing apparatus, standard aluminized suit.
Special Exposure Hazards:	Toxic and irritating gases/fumes may be given off during burning and thermal decomposition, such as carbon oxides.

#### 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Immediately issue NO SMOKING and NO NAKED FLAMES warnings. 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:	Maintain good standards of personal hygiene. 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:	Keep container tightly closed in a cool dry area away from sources of heat and out of direct sunlight to avoid pressure build up. Store in conformity with local fire regulations. Store away from sources of ignition.



## 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

Eye Protection:	Wear splash resistant safety goggles. Provide an emergency eye wash fountain and quick drench shower in the immediate work area.
Skin Protection:	Impervious gloves (e.g. PVC). Suitable protective clothing.
Respiratory Protection:	Breathing filters apparatus.
Hygiene Measures:	Change contaminated clothing and clean before re-use.
Engineering Controls:	Use only in well ventilated areas. Local exhaust ventilation is recommended.

Exposure Guidelines:	Value	Limit	Reference
Coal tar pitch volatiles benzene.soluble fraction	0.2 mg/m <sup>3</sup>	TWA	OSHA
	0.2 mg/m <sup>3</sup>	TWA	ACGIH
Cyclohexaneextractable fraction	0.1 mg/m <sup>3</sup>	TWA 10 hr	NIOSH

## 9: PHYSICAL AND CHEMICAL PROPERTIES

Form:	Liquid
Colour:	Black
Odour:	Tar odour
pH (concentrate):	Not applicable
Boiling Point (°C):	Not applicable
Flash Point (closed cup) (°C):	Not applicable
Autoflammability (°C):	Not applicable
Explosive Properties (%):	Not applicable
Relative Density (@25°C):	1.42
Water Solubility:	Insoluble

## 10: STABILITY AND REACTIVITY

Stability:	Stable under normal conditions.
Conditions to Avoid:	Temperature above 35°C.
Chemical Incompatibility:	Strong oxidizing agents.
Hazardous Decomposition Products:	Thermal decomposition yield oxides of carbon, toxic fumes.



## 11: TOXICOLOGICAL INFORMATION

The following toxicological assessment is based on knowledge of the toxicity of the product's components.

### Health Effects

On Eyes:	Irritant.
On Skin:	Irritant.
By Inhalation:	Irritant.
Chronic:	Repeated and prolonged skin contact will result in skin and lung cancer.

## 12: ECOLOGICAL INFORMATION

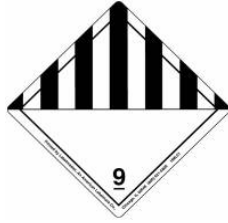
Environmental Assessment:	When used and disposed as indented, no adverse environmental effects are foreseen.
Mobility:	Insoluble in water.
Degradability:	Not known
Bioaccumulation:	Not known
Acute Fish Toxicity:	Ecotoxic to fish/daphnia/algae.

## 13: DISPOSAL CONSIDERATION

This material and/or its container must be disposed of as hazardous waste. Do not discharge into drains or the environment, dispose to an authorized waste collection point.

Unused Product:	Disposal should be in accordance with local, state or national legislation. Classified as special waste, may react with hardener component.
Used/ Contaminated Product:	As for unused product.
Packaging:	Must be disposed off through an authorized waste contractor.

## 14: TRANSPORT INFORMATION



UN Number:

3082

Transport Name:

Environmentally hazardous substance, liquid, n.o.s. (chlorinated paraffins C<sub>10-13</sub>).

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

## 15: REGULATORY INFORMATION

### Hazard Label Data:

**Xi**



**Irritant**

**N**



**Dangerous for  
the environment**

### Risk Phrases:

R36/37/38	Irritating to eyes, respiratory system and skin.
R45	May cause cancer.
R46	May cause heritable genetic damage.
R51/53	Toxic to aquatic organisms, may cause long-term adverse in the aquatic environment.
R60	May impair fertility.
R61	May cause harm to the unborn child.
R66	Repeated exposure may cause skin dryness or cracking.

### Safety Phrases:

S24/25	Avoid contact with skin and eyes.
S36/37/39	Wear suitable protective clothing, gloves and eye/face protection.
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.
S60	This material and its container must be disposed of as hazardous waste.
S61	Avoid release to the environment. Refer to special instructions/safety data sheet

## 16: OTHER INFORMATION

Issue Date: 04/04/2011 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.