



# Rosehill Polymers™

## SAFETY DATA SHEET FLEXILON 1117

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Product name	FLEXILON 1117
Product number	FX 1117
Container size	1 litre bottles, 5-25 litre kegs, 220 litre drums, 1000 litre IBC's

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses	Adhesion Promoter
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#### 1.3. Details of the supplier of the safety data sheet

Supplier	Rosehill Polymers Ltd Rosehill Mills Beech Road Sowerby Bridge West Yorkshire HX6 2JT 00 44 (0) 1422 839610 00 44 (0) 1422 835786 info@rosehillpolymers.com
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Manufacturer	Rosehill Polymers Ltd Rosehill Mills Beech Road Sowerby Bridge West Yorkshire HX6 2JT 00 44 (0) 1422 839610 00 44 (0) 1422 835786 info@rosehillpolymers.com
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#### 1.4. Emergency telephone number

### SECTION 2: Hazards identification

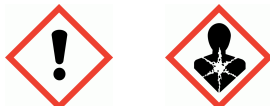
#### 2.1. Classification of the substance or mixture

##### Classification (EC 1272/2008)

Physical hazards	Not Classified
Health hazards	Skin Sens. 1 - H317 Muta. 2 - H341 Repr. 1B - H360 STOT RE 2 - H373
Environmental hazards	Aquatic Chronic 3 - H412

#### 2.2. Label elements

##### Hazard pictograms



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<b>Signal word</b>	Danger
<b>Hazard statements</b>	H317 May cause an allergic skin reaction. H341 Suspected of causing genetic defects. H360 May damage fertility or the unborn child. H373 May cause damage to organs through prolonged or repeated exposure. H412 Harmful to aquatic life with long lasting effects.
<b>Precautionary statements</b>	P260 Do not breathe vapour/ spray. P272 Contaminated work clothing should not be allowed out of the workplace. P273 Avoid release to the environment. P280 Wear protective gloves/ protective clothing/ eye protection/ face protection. P302+P352 IF ON SKIN: Wash with plenty of water. P308+P313 IF exposed or concerned: Get medical advice/ attention. P314 Get medical advice/ attention if you feel unwell. P333+P313 If skin irritation or rash occurs: Get medical advice/ attention. P362+P364 Take off contaminated clothing and wash it before reuse. P501 Dispose of contents/ container in accordance with national regulations. P402+P404 Store in a dry place. Store in a closed container.
<b>Contains</b>	Dibutylbis(dodecylthio)stannan

## 2.3. Other hazards

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

<b>Dibutylbis(dodecylthio)stannan</b>			<b>1-5%</b>
CAS number: 1185-81-5	EC number: 214-688-7	REACH registration number: 01-2119841260-50-0000	
M factor (Acute) = 1	M factor (Chronic) = 1		
<b>Classification</b> Acute Tox. 4 - H302 Acute Tox. 4 - H312 Skin Irrit. 2 - H315 Skin Sens. 1 - H317 Muta. 2 - H341 Repr. 1B - H360 STOT RE 1 - H372 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410			

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

<b>General information</b>	Remove affected person from source of contamination.
<b>Inhalation</b>	IF INHALED: Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. If breathing stops, provide artificial respiration. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. Get medical attention.

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<b>Ingestion</b>	Do not induce vomiting. Rinse mouth thoroughly with water. Get medical attention if symptoms are severe or persist. Get medical attention if a large quantity has been ingested. Get medical attention if any discomfort continues. Show this Safety Data Sheet to the medical personnel.
<b>Skin contact</b>	Remove contaminated clothing immediately and wash skin with soap and water. Continue to rinse for at least 15 minutes. Get medical attention if symptoms are severe or persist after washing.
<b>Eye contact</b>	If liquid has entered the eyes, proceed as follows. Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if symptoms are severe or persist after washing. Show this Safety Data Sheet to the medical personnel.
<b>Protection of first aiders</b>	First aid personnel should wear appropriate protective equipment during any rescue.

## 4.2. Most important symptoms and effects, both acute and delayed

<b>Ingestion</b>	May cause irritation.
<b>Skin contact</b>	Irritating to skin.
<b>Eye contact</b>	Irritating to eyes.

## 4.3. Indication of any immediate medical attention and special treatment needed

<b>Notes for the doctor</b>	Treat symptomatically.
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## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

<b>Suitable extinguishing media</b>	Use foam, carbon dioxide, dry powder or water fog to extinguish.
<b>Unsuitable extinguishing media</b>	Do not use water jet as an extinguisher, as this will spread the fire.

### 5.2. Special hazards arising from the substance or mixture

<b>Hazardous combustion products</b>	Thermal decomposition or combustion products may include the following substances: Toxic gases or vapours. Carbon dioxide (CO <sub>2</sub> ). Carbon monoxide (CO). Nitrous gases (NO <sub>x</sub> ).
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### 5.3. Advice for firefighters

<b>Special protective equipment for firefighters</b>	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.
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### Additional Information

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

<b>Personal precautions</b>	Wear protective clothing as described in Section 8 of this safety data sheet.
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### 6.2. Environmental precautions

<b>Environmental precautions</b>	Do not discharge into drains or watercourses or onto the ground.
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### 6.3. Methods and material for containment and cleaning up

<b>Methods for cleaning up</b>	Stop leak if safe to do so. To prevent release, place container with damaged side up. Collect spillage for reclamation or absorb in vermiculite, dry sand or similar material. Collect spillage for reclamation or disposal in sealed containers via a licensed waste contractor.
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### 6.4. Reference to other sections

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## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

**Usage precautions** For professional users only. Wear eye protection. Wear protective clothing as described in Section 8 of this safety data sheet.

**Advice on general occupational hygiene** Do not eat, drink or smoke when using this product. Good personal hygiene procedures should be implemented.

### 7.2. Conditions for safe storage, including any incompatibilities

**Storage precautions** Store in tightly-closed, original container in a dry, cool and well-ventilated place. Store in a demarcated bunded area to prevent release to drains and/or watercourses.

### 7.3. Specific end use(s)

## SECTION 8: Exposure controls/Personal protection

### 8.1. Control parameters

### 8.2. Exposure controls

#### Protective equipment



**Appropriate engineering controls**

Provide adequate general and local exhaust ventilation.

**Eye/face protection**

Wear eye protection.

**Hand protection**

Wear protective gloves made of the following material: Neoprene. Nitrile rubber. Polyvinyl chloride (PVC).

**Hygiene measures**

Good personal hygiene procedures should be implemented. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product.

**Respiratory protection**

No specific requirements are anticipated under normal conditions of use. In confined or poorly-ventilated spaces, a supplied-air respirator must be worn.

**Environmental exposure controls**

Keep container tightly sealed when not in use. Store in a demarcated bunded area to prevent release to drains and/or watercourses.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

<b>Appearance</b>	Clear liquid.
<b>Colour</b>	Colourless. to Milky.
<b>Odour</b>	Odourless.
<b>Flash point</b>	> 200°C Not specified.
<b>Solubility(ies)</b>	Insoluble in water.
<b>Viscosity</b>	50-200 cP @ 25°C

### 9.2. Other information

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

### 10.2. Chemical stability

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### 10.3. Possibility of hazardous reactions

**Possibility of hazardous reactions**      May polymerise. Isocyanates.

### 10.4. Conditions to avoid

**Conditions to avoid**      Not known.

### 10.5. Incompatible materials

**Materials to avoid**      Isocyanates.

### 10.6. Hazardous decomposition products

**Hazardous decomposition products**      None known.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Acute toxicity - oral

**ATE oral (mg/kg)**      162,601.63

#### Acute toxicity - dermal

**ATE dermal (mg/kg)**      121,951.22

**Ingestion**      May be harmful if swallowed.

**Skin contact**      This product is strongly irritating. May cause an allergic skin reaction.

**Eye contact**      Causes serious eye irritation.

## SECTION 12: Ecological information

**Ecotoxicity**      There are no data on the ecotoxicity of this product.

### 12.1. Toxicity

### 12.2. Persistence and degradability

### 12.3. Bioaccumulative potential

### 12.4. Mobility in soil

### 12.5. Results of PBT and vPvB assessment

### 12.6. Other adverse effects

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

**Disposal methods**      The generation of waste should be minimised or avoided wherever possible. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Waste is classified as hazardous waste.

## SECTION 14: Transport information

**General**      The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

### 14.1. UN number

Not applicable.

### 14.2. UN proper shipping name

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Not applicable.

### 14.3. Transport hazard class(es)

No transport warning sign required.

### 14.4. Packing group

Not applicable.

### 14.5. Environmental hazards

**Environmentally hazardous substance/marine pollutant**

No.

### 14.6. Special precautions for user

Not applicable.

### 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Not applicable.

Annex II of MARPOL 73/78

and the IBC Code

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

### 15.2. Chemical safety assessment

## SECTION 16: Other information

<b>Issued by</b>	C.Briggs HS&E Manager.
<b>Revision date</b>	15/10/2020
<b>SDS number</b>	4655
<b>Hazard statements in full</b>	H302 Harmful if swallowed. H312 Harmful in contact with skin. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H341 Suspected of causing genetic defects. H360 May damage fertility or the unborn child. H372 Causes damage to organs through prolonged or repeated exposure. H373 May cause damage to organs through prolonged or repeated exposure. H400 Very toxic to aquatic life. H410 Very toxic to aquatic life with long lasting effects. H412 Harmful to aquatic life with long lasting effects.
<b>Signature</b>	C.Briggs