



Material SAFETY DATA SHEET

Flexseal PU650

1: PRODUCT AND COMPANY IDENTIFICATION

Product Name: **Flexseal PU650**

Description: High-movement, high-performance, one component, non-sag polyurethane sealant

Manufacturer: **Ayla Construction Chemicals**
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2: COMPOSITION / INFORMATION ON INGREDIENTS

Composition: Polyurethane polymer.

| Hazardous Ingredient(s) | Symbol | Risk Phrases | CAS No. | % |
|----------------------------|--------|----------------|-----------|-------|
| Xylene, mixture of isomers | Xi, Xn | R10, 20/21, 38 | 1330-20-7 | 2 - 5 |

Refer to Section 8 for Occupational Exposure Limits.

3: HAZARDS IDENTIFICATION

Hazard Information: Flammable.
Harmful by inhalation and in contact with skin.

Classification: No specific hazards because the product is fully polymerized by atmospheric humidity to a solid rubber like material.

4: FIRST AID MEASURES

Eyes: Rinse immediately with soap and plenty of water. Obtain medical advice if there are persistent symptoms.

Skin: Wash immediately with alcohol, soap and plenty of water. If rapid removal does not occur, remove it after its fully polymerized.

Inhalation: No specific hazards. Not important volatile substances.

Ingestion: Do not induce vomiting. Give nothing by mouth. Obtain medical attention.

Advice to physicians: Symptomatic treatment and supportive therapy as indicated. Following severe exposure the patient should be kept under medical review for at least 48 hours.

5: FIRE FIGHTING MEASURES

| | |
|--------------------------------|---|
| Flash Point: | None. |
| Special Exposure Hazards: | None. |
| Extinguishing Media: | Sand, dry extinguishing media, foam and carbon dioxide. |
| Personal Protective Equipment: | Gloves and self- protective clothing. |

6: ACCIDENTAL RELEASE MEASURES

| | |
|-----------------------------|---|
| Personal Precautions: | Wear suitable protective clothing, gloves and eye/face protection. |
| Environmental Precautions: | No specific hazards because the product is fully polymerized by atmospheric humidity to a solid rubber like material. |
| Decontamination Procedures: | Transfer the product to a tank for suitable incineration in accordance with local regulations. |

7: HANDLING AND STORAGE

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|-----------|--|
| Handling: | Avoid skin and eye contact. |
| Storage: | In the original containers tightly sealed in a dry place. It is not flammable product. Keep out of the reach of children. |

8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

| | |
|-------------------------|--|
| Ingestion: | Prevent eating, drinking or smoking in the area of product use. |
| Eye Contact: | Safety glasses/goggles. |
| Skin Contact: | Impervious gloves (e.g. PVC). |
| Respiratory Protection: | In case of insufficient ventilation wear suitable equipment. Change contaminated clothing and clean before re-use. |
| Engineering Controls: | No specific ventilation requirement noted. |
| Exposure Guidelines: | None assigned. |

9: PHYSICAL AND CHEMICAL PROPERTIES

| | |
|--------------------------------|------------------|
| Form: | Pasty |
| Colour: | Various |
| Odour: | Characteristic |
| Boiling Point (°C): | None |
| Flash Point (closed cup) (°C): | 40 – 55°C |
| Relative Density (@25°C): | 1.1 – 1.2 |
| Water Solubility: | Insoluble |
| Soluble in: | Organic solvents |
| Viscosity: | Thyrotrophic |
| Active solids content percent: | 99%w/w |

10: STABILITY AND REACTIVITY

| | |
|-----------------------------------|---|
| Stability: | Minimum self-life in sealed containers 12 months under conditions without humidity and temperature up 30°C. |
| Conditions to Avoid: | Humidity, long term studies at the sun and high temperature (> 30°C). |
| Chemical Incompatibility: | Amines, alcohols and water. |
| Hazardous Decomposition Products: | None expected. |

11: TOXICOLOGICAL INFORMATION

Health Effects

| | |
|----------------|---|
| On Eyes: | May cause serious damage. |
| On Skin: | Irritant. |
| By Inhalation: | Not important volatile substances. |
| By Ingestion: | Serious damage at very high concentrations. Do not delay. Go immediately to hospital. |

12: ECOLOGICAL INFORMATION

| | |
|----------------------|--|
| Mobility: | None expected because of the fully polymerization of the product to a solid rubber like material. |
| Degradability: | None known. |
| Bioaccumulation: | It is like the rubbers. |
| Acute Fish Toxicity: | The product does not contain heavy metals or other harmful ingredients. The fillers are physical materials. The contained isocyanates are fully polymerized by atmospheric humidity to a solid rubber like material, which is familiar to the environment. The product is packaged in sausages of aluminum, which is an ecological material instead of the containers of the polyethylene. |

13: DISPOSAL CONSIDERATION

Disposal must be in accordance with local and national legislation.

14: TRANSPORT INFORMATION

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

15: REGULATORY INFORMATION

Hazard Label Data:

Xn



Harmful

Named Ingredients: Xylene, mixture of isomers

Risk Phrases:

| | |
|--------|---|
| R10 | Flammable. |
| R20/21 | Harmful by inhalation and in contact with skin. |
| R38 | Irritating to skin. |

Safety Phrases:

| | |
|-----|-----------------------------------|
| S23 | Do not breath fumes/vapour/spray. |
|-----|-----------------------------------|

16: OTHER INFORMATION

Issue Date: 16/10/2017 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.