

# HONGYUAN WATERPROOF TECHNOLOGY GROUP CO.,LTD

## SAFETY DATA SHEET

SmartCare FlexiSeal PU US

### SECTION1 PRODUCT AND COMPANY IDENTIFICATION

**Product name:** SmartCare FlexiSeal PU US  
**Company:** Hongyuan Waterproof Technology Group Co.,Ltd  
**Address:** Taitou Industry Park, Shouguang, Weifang, Shandong Province,262700,P.R. China  
**Email:** ellen@waterproofingbest.com  
**Fax:** 86-536-5526955  
**Emergency Phone:** 86-15163601048  
**Recommend use of the chemical and restrictions on use:** Suitable for non-exposed roofing, basement, toilet, swimming pool and packing lots. Not suitable in exposed roofing.

### SECTION2 HAZARDS IDENTIFICATION

**GHS Classification:**

**Physical Hazards:**

Not Classified

**Health Hazards:**

Specific target organ toxicity-Single exposure Category 1(Respiratory organs)

Specific target organ toxicity-Repeated exposure Category 1(Respiratory organs)

**Environmental Hazards:**

Classification not possible

The main ingredients of the product lack data or information for classification, and thus may have unknown potential hazards to human health and the environment.

The hazards not mentioned are not applicable or no data available.

**Label Elements:**

**Pictogram:**

**Signal Word:**

Danger

**Hazard Statements:**

H370 Causes damage to organs (Respiratory organs)

H372 Causes damage to organs through prolonged or repeated exposure (Respiratory organs).

**Prevention Precautionary Statements:**

P260 Do not breathe dust/fume/gas/mist/vapours/spray.

P264 Wash thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.

**Response Precautionary Statements :**

P308+P316 IF exposed or concerned: Get emergency medical help immediately.

**Storage Precautionary Statements :**

P405 Store locked up.

**Disposal Precautionary Statements:**

P501 Dispose of contents/container in accordance with local/regional/national/international regulation.

**Other Hazards:**

No data available.

**SECTION3 INFORMATION ON INGREDIENTS****Product name:** Bigo Polyurethane waterproof coating

| <b>Ingredient</b> | <b>Concentration</b> | <b>CAS No.</b> | <b>EC No.</b> |
|-------------------|----------------------|----------------|---------------|
| Mixtures:         |                      |                |               |
| Polyurethane      | 35%±1%               | 51852-81-4     | 610-745-9     |
| LCCP              | 19 ± 1%              | 63449-39-8     | 264-150-0     |
| Kaolin            | 17 ± 1%              | 1340-68-7      | /             |
| Talcum powder     | 4% ± 1%              | 14807-96-6     | 238-877-9     |
| Calcium carbonate | 21% ± 1%             | 471-34-1       | 207-439-9     |
| Iron oxide red    | 3% ± 1%              | 1332-37-2      | 215-570-8     |

**SECTION4 FIRST-AID MEASURES****Skin Exposure:**

In case of skin contact, flush with copious amounts of water. If skin irritation or rash occurs, Call a physician.

**Eye Exposure:**

In case of contacting with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. If irritation persists, Call a physician.

**Inhalation Exposure:**

If inhaled, remove to fresh air immediately. If the person feels unwell, Call a physician.

**Oral Exposure:**

If swallowed, wash out mouth with water provided person is conscious. Call a physician.

**Most Important Symptoms/Effects, Acute and Delayed:**

No data available.

**Indication of Immediate Medical Attention and Special Treatment Needed, if Necessary:**

No data available.

**SECTION5 FIRE FIGHTING MEASURES****Suitable Extinguishing Media:**

Suitable: Dry chemical, Water spray, Carbon dioxide or appropriate foam.

**Specific Hazards Arising from the Chemical:**

Take care as it may decompose upon combustion or in high temperatures to generate hazardous Carbon oxides, nitrogen oxides, silicon oxides, chlorine compounds, metals and their oxides.

**Special Protective Action for Fire-fighters:**

Protective Equipment: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes. Fire-extinguishing work is done from the windward. Uninvolved persons should evacuate to a safe place.

**SECTION6 ACCIDENTAL RELEASE MEASURES****Personal Precautions, Protective Equipment and Emergency Procedures:**

Use personal protective equipment. Remove all sources of ignition. Avoid breathing vapour. Keep people away from and upwind of spill/leak. Ensure adequate ventilation. Entry to noninvolved personnel should be controlled around the leakage area by roping off.

**Environmental Precautions:**

Prevent further leakage or spillage if safe to do so. Avoid entering drains.

**Methods and Materials for Containment and Cleaning up:**

Sweep up with spade and transfer to a dry, clean, lidded container for disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.

**SECTION7 HANDLING AND STORAGE****Precautions for Safe Handling:**

Operators should be trained and strictly abide by operating procedures. Wear appropriate protective clothing and gloves. Avoid inhalation. Avoid contacting with eyes, skin and clothing. Prevent generation of vapor or mist. Keep away from ignition sources, heat and flame. No smoking at working site. Handling is performed in a well ventilated place. Wash hands and face thoroughly after handling. Incompatibilities: Strong oxidants. Load and unload gently when handling. Prevent the package from breaking and getting damp so as to cause losses. Working place should be equipped with appropriate varieties and quantities of fire fighting equipment and leakage emergency treatment equipment.

**Conditions for Safe Storage, Including Any Incompatibilities:**

Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Keep away from ignition sources, heat and flame. Incompatibilities: Strong oxidants. Storage place should be equipped with appropriate varieties and quantities of fire fighting equipment and leakage emergency treatment equipment.

**SECTION8 EXPOSURE CONTROL/PPE****Control Parameters:**

GBZ 2.1-2019 Occupational Exposure Limits for Hazardous Agents in the Workplace -

Part 1:Chemical Hazardous Agents:

Talc dust(free SiO<sub>2</sub><10%):PC-TWA 3 mg/m<sup>3</sup>(Total dust);PC-TWA 1 mg/m<sup>3</sup>(Inhalable dust)

ACGIH:

Talc(powder):TLV-TWA 2 mg/m<sup>3</sup>(Total dust)

#### **Appropriate Engineering Controls:**

Mechanical exhaust required. Safety shower and eye bath.

#### **Individual Protection Measures:**

##### **Eye/Face Protection:**

Wear chemical safety glasses.

##### **Skin Protection:**

Hand Protection: Wear compatible protective gloves.

Body Protection: Wear appropriate protective clothing.

##### **Respiratory Protection:**

Wear government approved respirator.

##### **Thermal Hazards:**

No data available.

##### **Other Protect:**

No smoking, drinking and eating at working site. Wash thoroughly after handling.

### **SECTION9 PHYSICAL/CHEMICAL PROPERTIES**

|                                                                    |                     |
|--------------------------------------------------------------------|---------------------|
| <b>Appearance:</b>                                                 | Red viscous liquid  |
| <b>Odor:</b>                                                       | Weak odor           |
| <b>pH Value:</b>                                                   | Not applicable      |
| <b>Solubility:</b>                                                 | Immiscible in water |
| <b>Melting Point/Freezing Point:</b>                               | No data available   |
| <b>Boiling Point, Initial Boiling Point and Boiling Range:</b>     | No data available   |
| <b>Flash Point (Closed Cup):</b>                                   | >96.0℃              |
| <b>Density/Relative Density:</b>                                   | No data available   |
| <b>Kinematic Viscosity:</b>                                        | No data available   |
| <b>Lower/Upper Explosion Limit/Flammability Limit:</b>             | No data available   |
| <b>Vapour Pressure:</b>                                            | No data available   |
| <b>Relative Vapor Density:</b>                                     | No data available   |
| <b>Density: Partition Coefficient N-Octanol/Water( Log Value):</b> | No data available   |
| <b>Autoignition</b>                                                | No data available   |

**Temperature:**

NO.2622010414

**Decomposition** No data available

**Temperature:**

**Particle** Not applicable

**Characteristics:**

**Flammability** Not applicable

**(Solid, Gas):**

#### SECTION10 STABILITY AND REACTIVITY

**Reactivity:**

No data available.

**Chemical Stability:**

Stable under normal temperatures and pressures.

**Possibility of Hazardous Reactions:**

No data available.

**Conditions to Avoid:**

No data available.

**Incompatible Materials:**

Strong oxidants.

**Hazardous Decomposition Products:**

Carbon oxides, nitrogen oxides, silicon oxides, chlorine compounds, metals and their oxides.

#### SECTION11 TOXICOLOGICAL INFORMATION

**Acute Toxicity:**

Chlorinated paraffin:Rat - Oral-LD<sub>50</sub>->21500µl/kg; Rabbit- Dermal-LD<sub>50</sub>->10ml/kg

**Skin Corrosion/Irritation:**

No data available.

**Serious Eye Damage/Irritation:**

No data available.

**Respiratory Sensitization:**

No data available.

**Skin Sensitization**

No data available.

**Germ Cell Mutagenicity:**

No data available.

**Carcinogenicity:**

No data available.

**Reproductive Toxicity:**

No data available.

**Specific Target Organ Toxicity - Single Exposure:**

Causes damage to organs(Respiratory organs).

**Specific Target Organ Toxicity - Repeated Exposure:**

Causes damage to organs through prolonged or repeated exposure (Respiratory organs)

**Aspiration Hazard:**

No data available.

**SECTION12 ECOLOGICAL INFORMATION****Toxicity:**

Calcium carbonate: Toxicity to algae - Static test BrCso- Desmodesmus subspicatus - 14 mg/1-72 h(OECD Test Guideline 201)

**Persistence and Degradability:**

No data available.

**Bioaccumulative Potential:**

No data available.

**Mobility in Soil:**

No data available.

**Other Adverse Effects:**

No data available.

**SECTION13 DISPOSAL CONSIDERATION****Disposal Methods:**

Recycle as far as possible. If unable to recycle, it is recommended to use incineration method for disposal under supervision. This product should not be disposed of by discharge into sewers. Return empty containers to the manufacturer or dispose of them in accordance with national and local regulations. Follow the relevant provisions of national and local regulations before disposal. It is recommended to be disposed of by a qualified chemical waste treatment department.

**SECTION14 TRANSPORT INFORMATION**

**RID/ADR(2021** The product is not subject to RID/ADR.

**Edition):**

**IATADGR(63"** The product is not subject to IATA DGR.

**Edition):**

**IMO IMDG** The product is not subject to IMO IMDG CODE.

**CODE**

**(2020 Edition);**

**Environmental** Unknown.

**Hazards:**

**Special** No data available.

**Precautions for****User:**

**Transport in** Not applicable.

**Bulk according****to Annex II of****MARPOL 73/78 and****the IBC Code:****SECTION15 REGULATORY INFORMATION****Montreal Protocol:**

Not listed.

**Stockholm Convention:**

Not listed.

**Rotterdam Convention:**

Not listed.

**EINECS/ELINCS:**

Calcium carbonate, Chlorinated paraffin, Talc powder, Iron oxide red in the product are listed

**TSCA:**

Polyurethane, Calcium carbonate, Chlorinated paraffin, Talc powder, Iron oxide red in the product are listed.

**IECSC:**

Polyurethane, Calcium carbonate, Chlorinated paraffin, Talc powder, Iron oxide red in the product are listed.

## SECTION 16 OTHER INFORMATION

**Preparation Date:**

2022-01-17

**Preparation Department:**

Shanghai Research Institute of Chemical Industry Testing Co., Ltd.

Tel(Fax): +86-21-52815377/31765555

**Revision:**

0

**Reference Standard:**

GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION AND LABELLING OF CHEMICALS (GHS), 9<sup>th</sup> revised edition

**Abbreviations and Acronyms:**

CAS: Chemical Abstracts Service EC: European Commission ACGIH: American Conference of Governmental Industrial Hygienists PC-TWA: Permissible concentration-time weighted average TLV-TWA: Threshold limit value-time weighted average LD: Lethal dose, 50% ErCa; ECo in teams of reduction of growth rate OECD: Organization for Economic Cooperation and Development RID: Regulations concerning the International Carriage of Dangerous Goods by Rail ADR: European Agreement Concerning the International Carriage of Dangerous Goods by Road IATA DGR: International Air Transport Association Dangerous Goods Regulations IMO IMDG CODE: International Maritime Organization International Maritime Dangerous Goods Code MARPOL: International Convention for the Prevention of Pollution from Ships IBC Code: International Code for the Construction and Equipment of Ships Carrying Dangerous Chemicals in Bulk EINECS: European Inventory of Existing Commercial Chemical Substances ELINCS: European List of Notified Chemical Substances TSCA: Toxic Substances Control Act IECSC: Inventory of Existing Chemical Substances in China

**Other Information:**

This SDS is compiled based on the information such as ingredients provided by the applicant and our current knowledge. This SDS shall be used only as a guide. The users of this SDS must make independent judgments on the correctness and completeness and then decide its suitability according to the actual situation. The users should take the relevant legal responsibilities for the consequences of use.