

# MATERIAL SAFETY DATA SHEET

December, 2020

## 1. Identification of the Substance / Preparation and of The Company / Undertaking

**Product Name** : Royalite Rubber White RWLT-1601  
**Product Code** : -  
**Product Use** : Printing Ink for use on textile fabrics  
**Manufacturer** : Silkflex Polymers Sdn. Bhd  
 No. 98 (Lot 9115), Jalan Tengah KS10,  
 Telok Gong, 42000 Pelabuhan Klang  
 Selangor Darul Ehsan  
**Emergency Telephone Number** : 6-03-31341702 / 1703 / 1260

## 2. Hazards Identification

Not a hazardous substance or mixture according to the Dangerous Substance Directive 67/548/EEC and OSHA'S Hazard communication Standard, 29 CFR 1910.

## 3. Composition / Information on Ingredients

| Chemical Name                       | CAS No | Symbol /R-Phrases<br>OEL. | OSHA<br>PEL | ANGIH<br>TLV |
|-------------------------------------|--------|---------------------------|-------------|--------------|
| Refer to Appendix 2.1<br>(Attached) |        |                           |             |              |

Occupational Exposure limit (s), if available, are limited in section 8

## 4. First Aid Measures

- General:** In all cases of doubt, or when symptoms persist, seek for medical attention. If unconscious, place in recovery position and seek for medical advice. Never give anything by mouth to an unconscious person.
- Inhalation:** Remove to fresh air. Keep the person warm and has rest.
- Eye contact:** Immediately irrigate copiously with clean water for 5-10 minutes, keeping eyelids open. Seek medical attention if irritation persists.
- Skin contact:** Remove contaminated clothes. Wash skin thoroughly with soap and water or use a suitable skin clearer. DO NOT use solvent or thinners.
- Ingestion:** Keep person warm and as rest. DO NOT induce vomiting. If washing hold down the head to reduce the risk of getting stomach content into the lungs. Obtain medical attention unless only an insignificant amount has been swallowed.

## 5. Firefighting Measures

- Suitable:** In case of fire, use water spray (fog), foam dry chemicals, or CO<sub>2</sub>. Closed containers may be cooled with water spray.
- Not suitable:** Not applicable.
- Hazardous thermal decomposition product:** Refer to MSDS # Section 10.

## 6. Accidental Release Measures

- Personal precautions:** Avoid contact with skin and eyes. Avoid inhalation of vapors and spray mist. Refer to protective measures listed in sections 7 and 8. Keep unnecessary personnel away. No smoking.
- Spill:** Prevent entry into sewers, basements or confined areas, dike etc. Absorb with an inert material and put the spilled material in an appropriate waste disposal.

## 7. Handling and storage

- Handling:** Avoid contact with skin and eyes. Avoid inhalation of vapors and spray mist. Eating and drinking should not be in area where this product is handled. Personal Protective Equipment see section 8. Keep away from incompatibles in section 10.
- Storage:** Keep container tightly closed. Store in a dry, cool and well-ventilated area. Storage temperature: refer to the Technical Data Sheet. Keep away from incompatibles mentioned in section 10.
- Packaging material:** Always keep in containers made from the same material as the original one.

## 8. Exposure Control / Personal Protection

- Engineering measures:** Provide exhaust ventilation or other engineering controls to keep the airborne concentration of vapors below their respective Occupational Exposure limits. Ensure that eye wash station and safety showers are close to the workstation location.
- Hygiene measures:** Wash hands, forearms and face thoroughly after handling and before eating, smoking, using lavatory, and at the end of the day. Always immediately wash contaminated skin. Apply a suitable skin lotion.

### Personal protection equipment

- Respiratory system:** Wear appropriate respirator when ventilation is inadequate. If exposure to dust cannot be avoided by local exhaust ventilation, suitable dust filter must be used.
- Eyes:** Wear safety goggles or other suitable protective equipment if there is a risk of splashing.
- Skin and body:** Wear suitable protection clothing.
- Hands:** Wear suitable gloves.

## 9. Physical and Chemical Properties

|                                    |                              |
|------------------------------------|------------------------------|
| <b>Physical state:</b>             | High viscosity white paste   |
| <b>Density:</b>                    | 1.35 g/cm <sup>3</sup>       |
| <b>Flash point:</b>                | Not applicable (water-based) |
| <b>Auto ignitions temperature:</b> | Not applicable (water-based) |
| <b>Explosion limits:</b>           | Not applicable (water-based) |

## 10. Stability and reactivity

|   |  |
|---|--|
| <b>Stability:</b>                               | The product is stable.                                   |
| <b>Reactivity:</b>                              | Not reactive to OXIDIZING AGENTS.                        |
| <b>Hazardous thermal decomposition products</b> | These products are carbon oxides (CO, CO <sub>2</sub> ). |

## 11. Toxicological Information

|                      |  |
|----------------------|--|
| <b>Inhalation:</b>   | In poorly ventilated places, inhalation of vapor may cause irritation of the respiratory system.   |
| <b>Eye contact:</b>  | Can cause irritation and temporary damage if splashes come in contact with the eye.  |
| <b>Skin contact:</b> | Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin, resulting in non-allergic contact dermatitis and absorption through the skin. |
| <b>Ingestion:</b>    | Ingestion may cause stomach pains and vomiting.  |

## 12. Ecological information

|                     |   |
|---------------------|---|
| <b>Ecotoxicity:</b> | There is no data available on the preparation self. |
|---------------------|---|

## 13. Disposal Considerations

|  |   |
|--|---|
| <b>European Waste Catalogues (EWC)</b> | 080112  |
| <b>Hazardous waste:</b>                | To present knowledge of the supplier, this product is not regarded as hazardous waste as defined by EU Directive 91/689/EC. |
| <b>Methods of disposal:</b>            | Do not allow to enter drains or water course. Ship for treatment/ disposal in accordance with local regulations.            |

**14. Transport information**

**UN Number:** Not regulated

**IATA Regulation:** Not regulated  
(Remark: Non – dangerous Goods (Water-Based))

**Mode of transport:** Can be shipped by Air / Sea / Rail

**15. Regulatory Information****Classification**

**Risk phrases:** This product is not classified according to the EU regulations

**Safety phrases:** S23 Do not breathe spray or vapor

**Other Information**

**Additional warning phrases:** Safety Data Sheet available for professional user on request.

**Restriction to market directive:** Not applicable

**16. Other information**

**Comment:** This product is free of glycol

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\*Silkflex: Silkflex Polymers Sdn. Bhd.

( Appendix 2.1 )

December, 2020

**CHEMICAL COMPOSITION (% BY WEIGHT)**

| <b>Product Name</b> | <b>Royalite Rubber White RWLT-1601</b> |                |                     |
|---------------------|--|----------------|---------------------|
| <b>Composition</b>  | <b>Chemical Type</b>                   | <b>CAS No.</b> | <b>% By Weight</b>  |
| <b>Polymer</b>      | Acrylic                                | 9003-01-4      | 40 - 60             |
| <b>Pigment</b>      | Titanium Dioxide                       | 13463-67-7     | 30 - 40             |
|                     | Silicate                               | 7631-86-9      |                     |
| <b>Biocide</b>      | Benzisothiazolinone (BIT)              | 2634-33-5      | Less than 0.00105 % |
| <b>Others</b>       | Water                                  | 7732-18-5      | 20 - 40             |