



Safety Data Sheet

BLUESIL HCR 1950 U A2

SECTION 1: Identification of the Product and the Company

Product name	: BLUESIL HCR 1950 U A2
Product code	: No data available
Relevant identified uses of the substance or mixture and uses advised against:	
Relevant identified uses	: Intermediate for the manufacture of silicone elastomers which vulcanize on heating. Extrusion of diverse objects/articles.
Uses advised against	: No data available
Company details:	
Manufacturer/ Supplier	: Jiangxi Bluestar Xinghuo Silicones Co., Ltd.
Address	: Xinghuo Industrial Park, Yongxiu, Jiangxi, P.R.China P.C. : 330319
Telephone Number	: +86-792-3170005
Fax number	: +86-792-3170009
e-mail Address	: xhcaqhbc@bluestar.chemchina.com
Emergency telephone number	: +86-792-3170258

SECTION 2: Hazards Identification

GHS Classification	: Not applicable for GHS classification.
Hazard summary:	
Physical hazards	: None
Health hazards:	
Inhalation	: No data available.
Eye contact	: No data available.
Skin contact	: No data available.
Ingestion	: No data available.
Other Health Effects	: No other information noted.
Environmental hazards	: Not regarded as dangerous for the environment.
Label elements:	
Hazard pictograms	: None
Signal word	: None
Hazard statements	: None
Precautionary statements	: No applicable.

Other hazards : No data available.

SECTION 3: Composition/Information on Ingredients

>>> **Mixture**

General information: Mixture of Polyorganosiloxane, inert mineral fillers and additives.

SECTION 4: First Aid Measures

General information : Get medical attention if symptoms occur. Contaminated clothing to be placed in closed container until disposal or decontamination.

Description of first aid measures:

Inhalation : Not specifically applicable.

Skin contact : Remove contaminated clothing and shoes. Wash with soap and water.

Eye contact : Immediately rinse with clean water. Continue to rinse for at least 15 minutes.

Ingestion : Do not induce vomiting. Rinse mouth thoroughly. Get medical attention.

Most important symptoms and effects, both acute and delayed : No data available.

Indication of any immediate medical attention and special treatment needed : No data available.

SECTION 5: Firefighting measures

General fire information : No data available.

Extinguishing media:

Suitable extinguishing media : Foam, dry powder, carbon dioxide (CO₂) and water Spray.

Unsuitable extinguishing media : None known.

Special hazards : Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapors. Amorphous silica.

Advice for firefighters:

Special fire fighting procedures : Water spray should be used to cool containers.

Special protective equipment for fire-fighters : Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures : Use personal protective equipment. See Section 8 of the SDS for Personal Protective Equipment.

Environmental precautions : Collect spillage. Do not release into the environment.

Methods and material for containment : Recover the product by vacuuming/shovelling or sweeping.

and cleaning up	Containers with collected spillage must be properly labelled. Keep container tightly closed.
Precautions for preventing subsidiary hazard	: No data available.

SECTION 7: Handling and storage

Precautions for safe handling	: Exercise good industrial hygiene practice. Wash after handling, especially before eating, drinking or smoking. Use personal protective equipment. See Section 8 of the SDS. During vulcanisation/curing: Vapour extraction.
Conditions for safe storage	: Stable under normal storage conditions. Avoid contact with oxidizing agents.
Packaging materials information	: Plastic film (outer packaging-cardboard box).

SECTION 8: Exposure controls/ personal protection

Occupational exposure limits	: No data available.
Engineering controls	: Provide sufficient ventilation during operations which cause vapor formation.
Personal protective equipment:	
General information	: No specific measures are required provided the product is handled in accordance with the general rules of occupational hygiene and safety. (Apart from the vulcanization/ curing phase).
Respiratory protection	: If there is insufficient ventilation during the vulcanisation/ curing phase, wear a respiratory protective device.
Hand protection	: Use suitable protective gloves
Eye/face protection	: Safety spectacles.
Skin/body protection	: Wear suitable protective clothing.
Hygiene measures	: Provide eyewash station and safety shower.
Environmental Controls	: No data available.

SECTION 9: Physical and Chemical Properties

Physical state	: Pasty solid
Color	: Translucent.
Odor	: Odorless
Odor threshold	: No data available.
pH	: Not applicable
Melting point /freezing point(°C)	: No data available.
Boiling point, initial boiling point/ range(°C)	: No data available.
Flash point(°C)	: No data available.
Flammability (solid, gas)	: No data available.

Flammability limit-upper[%(V/V)]	: No data available.
Flammability limit-lower [% (V/V)]	: No data available.
Vapor pressure (KPa)	: No data available.
Vapor density (air=1)	: No data available.
Evaporation rate	: No data available.
Relative density(water)	: 1.14 (25 °C) Approximate
Solubility:	
Solubility (water)	: Practically Insoluble.
Solubility (other)	: Acetone and Ethanol: Insoluble. : Petrol, white-spirit, aromatic hydrocarbons (toluene, xylene), and Chlorinated solvents: Dispersible.
Partition coefficient(n-octanol/water)	: No data available.
Autoignition temperature(°C)	: > 400
Decomposition temperature(°C)	: > 200
Viscosity	: No data available.
Explosive properties	: No data available.
Oxidizing properties	: Not considered as oxidizing.

SECTION 10: Stability and reactivity

Reactivity	: No data available.
Chemical stability	: Stable at room temperature.
Possibility of hazardous reactions	: No dangerous reactions known under normal conditions of use.
Conditions to avoid	: No data available.
Incompatible materials	: Strong oxidizing agents.
Hazardous decomposition products	: During vulcanisation, on contact with the catalyst, releases: flammable vapours which may generate fire or explosion hazards toxic vapours. Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapors. Amorphous silica.

SECTION 11: Toxicological information

Information on likely routes of exposure:	
Inhalation	: No data available.
Ingestion	: No data available.
Skin contact	: No data available.
Eye contact	: No data available.
Information on toxicological effects:	
Acute toxicity	: No data available.
Skin corrosion/irritation	: No data available.
Serious eye damage/ eye irritation	: No data available.
Respiratory or 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	: No data available.
Specific target organ toxicity-repeated exposure	: No data available.
Aspiration hazard	: No data available.

SECTION 12: Ecological information

Ecological toxicity:

Acute toxicity	: No data available.
Chronic toxicity	: No data available.
Persistence and degradability	: The product is not biodegradable.
Bioaccumulative potential	: The product is not bioaccumulating.
Mobility in soil	: No data available.
Results of PBT and vPvB assessment	: No data available.
Other adverse effects	: No data available.
Additional information	: No data available.

SECTION 13: Disposal considerations

Residual waste:

General information	: The user's attention is drawn to the possible existence of local regulations before disposal.
Disposal methods	: Dispose of waste in accordance with local laws and regulations, and product characteristics at time of disposal. Suggest safety incinerate. : Contaminated packages should be as empty as possible. Dispose in accordance with local laws and regulations, and product characteristics at time of disposal. Recycle following cleaning or dispose of at an authorised site.
Disposal needing attention	: No data available.

SECTION 14: Transport information

This material is not subject to transport regulations.

Environmental hazards	: Not regulated.
Special precautions for user	: No special precautions.
Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	: Not applicable.

SECTION 15: Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture:

- : Globally Harmonized System of Classification and Labelling of Chemicals (GHS).
- : UN Recommendations on the Transport of Dangerous Goods - Model Regulations.

Chemical safety assessment	: No data available.
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SECTION 16: Other information

Revision information : No data available.

Key literature references : No data available.

Wording of the H-statements in section 2 and 3: None

Training information : No data available.

Inventory status:

Australia AICS : On or in compliance with the inventory

Canada DSL Inventory List : On or in compliance with the inventory

EU EINECS List : On or in compliance with the inventory

Japan ENCS/ISHL : On or in compliance with the inventory

China Inv. Existing Chemical Substances : On or in compliance with the inventory

Korea Existing Chemicals Inv. (KECL) : On or in compliance with the inventory

Philippines PICCS : On or in compliance with the inventory

US TSCA Inventory : On or in compliance with the inventory

New Zealand Inventory of Chemicals : On or in compliance with the inventory

Statement: This safety data sheet should be used in conjunction with technical sheets. It does not replace them.

The information given is based on our knowledge of this product, at the time of publication. It is given in good faith. The attention of the user is drawn to the possible risks incurred by using the product for any other purpose other than that for which it was intended. It is the sole responsibility of the user to take all precautions required in handling the product. The aim of the mandatory regulations mentioned is to help the user to fulfill his obligations regarding the use of hazardous products. This information is not exhaustive. This does not exonerate the user from ensuring that legal obligations, other than those mentioned, relating to the use and storage of the product, do not exist. This is solely his responsibility.