

Foreverest Resources Ltd

Shellac Flakes

Machine made

The shellac flake is a natural mixture composed of hydroxycarboxylic acid, sesquiterpene acid and low molecular fatty acid. It is prepared from natural shellac or seedlac by hot melting or dissolving impurities in solvents. Shellac flake contains shellac resin, shellac pigment, shellac wax, sugar and protein. As a biological product, it has the properties of non-toxic and non-irritating odor. It can effectively inhibit formaldehyde pollution and be used as environmental protection coating in the field of home decoration. Owing to the characteristics of moisture-proof, anticorrosion, rust-proof, electrical insulation and thermoplastics, it is widely used in food, medicine, military industry, electrical, aerospace and other high-end fine industries.

Substance Identification

Synonyms	Machine made
CAS	N/A

EINECS	232-549-9
FEMA	N/A
HS.CODE	130110
Molecular Formula	N/A
Molecular Weight	N/A

Application & Uses

- used as adhesive, such as gasket cement, sealing wax, pyrotechnic optical cement
- used in cosmetic, such as in hair lacquer
- used in pharmaceuticals , such as coating for enteric pills
- used in electrical, such as in micanite, insulating varnish
- used in engineering, such as grinding wheels, rivet fastener
- used in paper varnish and playing cards
- used in photography for dry mounting tissue paper, protective varnish
- used in printing for flexographic ink, waterproof ink, photo engraving
- used in rubber of stiffening agent and surface finish
- used in surface coating, such as under coat, primer, sealer, polish, leather dressing, fruit coating etc
- used in textiles for stiffening of hats

Sales Specification

ITEM	VALUE	TEST METHOD & UNIT
Acid Value	73 max	mgKOH/g
Colour	8 max	
Heat-hardening	3.0 min	@Time (170°C+-0.5°C)
Insoluble matter	0.4 max	%
Insolubility	1.0 max	@in alcohol, %
Iodine Value	20 max	@g/100g
Monoester	2.0 max	%
Waxiness	5.5 max	%

Package

- Gunny Bag, 25kg net each, 480 bags (12 mt) per 20'FCL
- Woven Bag, 25kg net each, 480 bags (12 mt) per 20'FCL
- Wood Box 25kg net each, 320 boxes (8 mt) per 20'FCL

GHS Hazard Statements

There is currently no available data for this product, click to view [GHS Classification and Labelling by UNECE](#).

Storage

- avoid contact with light
- keep separated from incompatible substances
- store and handle in accordance with all current regulations and standards
- store in a cool, dry place
- store in a tightly closed container

Relation Products

- [Aleuritic Acid](#)
- [Dewaxed Bleached Shellac](#)
- [Lac Dye](#)
- [Seedlac](#)

Relation Articles

- [Lac, a Natural Resin, the Most Useful Eco Friendly Material](#)
- [Shellac Application Process](#)

- [Fate of Kerria Lacca, the Lac Insect](#)

Remark

The above information is believed to be accurate and presents the best explanation currently available to us. We assume no liability resulting from above content. The technical standards are formulated and revised by customers' requirement and us, if there are any changes, the latest specification will be executed and confirmed in the contract.

Manage consent