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**“RESPONSIVE,
 INNOVATIVE,
 SOLUTION FINDERS”**



Safety Data Sheet

Shellac

1. Identification of Material and Supplier

Product Name: Shellac
 Product Code: SH
 Other Names: Shellac
 Recommended Use: Supplied in a dry flake which readily mixes with methylated spirits to form a saturated solution sealer for screen printing, unfired clay, plaster and for varnishing art work.

Company: Five Star Products Ltd
 Address: 3 Chinook Place, Hornby, Christchurch 8042
Emergency Telephone: (03) 349 6514 ask for Technical Manager
 Telephone/Fax number: Tel: (03) 349 6514 Fax: (03) 349 8732
 New Zealand National Poison Centre: 0800 POISON (0800 764 766)

2. Hazards Identification

Hazard Classification: Not known

3. Composition/information of Ingredients

Ingredients:	Name	CAS	Proportion
	Shellac	9000-59-3	91-100%

Allergies: To the best of our knowledge there has been no intentional addition of dairy, egg, nuts, grains, cereals, soy or gluten products to this product by either Five Star Products Ltd or our raw material suppliers. Five Star Products Ltd does, from time to time carry on site some of the above listed products for use in other products. Whilst none of our raw material suppliers SDS state that they do contain any of the above products, we are not in a position to 100% guarantee that this product is free of the above mentioned products, due to the limited knowledge of our suppliers processes. Five Star Products Ltd normal practices is not to provide a list of ingredients, due to commercial sensitivity but we welcome direct case by case communication with the end user to assist with this issue on a personal basis.

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4. First Aid Measures

Inhalation:	Not known
Ingestion:	Induce vomiting (none acetic product). Rinse mouth with water. Give plenty of water to drink. If you are concerned seek medical attention.
Skin:	Wash skin thoroughly with soap and water. If irritation persists seek medical attention.
Eye:	Flush eye thoroughly with copious amounts of water for a least 15 minutes. Retract eyelids frequently. Seek medical attention if irritation persists.
Advise to doctor:	Treat symptomatically.

Health Effects

Inhalation:	Not known
Ingestion:	Not known
Skin:	Not known
Eye:	Not known. May irritate the eye.

5. Fire Fighting Measures

Extinguishing media:	Not flammable
Specific Hazards:	Not flammable
Special Fire fighting Procedures:	Use equipment/media appropriate to surrounding fire conditions.
Special protective equipment:	Use equipment/media appropriate to surrounding fire conditions.
Decomposition Products:	Unknown
Flammable limits:	In air (%vol) LEL: NA UEL: NA Flash point: 290°C
Hazchem code:	NA

6. Accidental Release Measure

Emergency Procedures:	Shovel up and place in a labelled, sealable container for subsequent disposal. Could contaminate watercourse. Contaminated absorbent to be deposited in a secure landfill in accordance with Local Government regulations.
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7. Handling and Storage

Precautions for safe handling:	No special precaution necessary other than to ensure good packaging practices are followed to ensure if damaged does occur, no contamination of other products occur. Keep the containers tightly sealed.
Conditions for safe storage:	Store in a cool dry place away from direct sunlight and sources of heat.

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8. Exposure Controls/Personal Protection

National Exposure standards: NA

Biological Limit Values: No biological limit values available for this product.
Engineering Controls: Not ordinarily required, other than following normal "good use practices" for when using raw materials.
Respiratory Protection: Not ordinarily required.
Eye Protection: Not ordinarily required. Safety goggles are optional.
Hand Protection: Not ordinarily required. Gloves are optional.
Body Protection: Wear normal clothing covering arms and legs to reduce contact with skin.

9. Physical and Chemical Properties

Appearance: Yellow orange solid
Colour: NA
Odour: NA
Melting Point: NA
Boiling Point: NA
Solubility in Water (g/l): Insoluble
Flash Point: 290 °C
Flammability: Not flammable

10. Stability and Reactivity

Chemical Stability: Usually stable under normal conditions.
Conditions to Avoid: Watercourse contamination
Incompatible Materials: Not known
Hazardous Decomposition: Not known
Products:
Hazardous Polymerization: Not known

11. Toxicological Data

Acute Toxicology:
 Inhalation - Not known.
 Ingestion - Not known.
 Skin - Not known.
 Eye - Not known. May irritate the eye
Chronic Effects - Not known.
Genetic Toxicology: NA
Reproductive Toxicology: NA

12. Ecological Information

Ecotoxicity: Avoid discharge into waterways.
Persistence and degradability: No information available for this product.
Mobility: No information available for this product.
Environmental Fate: Avoid contaminating waterways.
Bioaccumulative Potential: No information available for this product.

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13. Disposal Considerations

Waste Disposal: Follow Local Government regulations for disposal of the waste. Avoid discharge into stormwater drains, sewers and waterways, contact the Local authorities if this occurs.

14. Transport Information

Transport information New Zealand: No special precaution necessary other than to ensure good packaging practices are followed to ensure if damaged does occur, no contamination of other products occur.

UN Number: NA
Proper Shipping Name: NA
DG Class: NA
Hazchem Code: NA
Packing Group: NA

15. Regulatory Information

Hazard Classifications New Zealand: NA
Toxic Substance Schedule: NA

16. Other Information

Revision Date: SDS Reviewed February 2024
Legend to abbreviations and Acronyms: NA = Not Applicable
C = Celcuis
Literature References: No data available
Sources for Data: No data available

Disclaimer

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"Nothing in the Consumer Guarantees Act 1993 relating to any express guarantees made by the manufacturer in relation to the information contained herein shall apply where the purchaser of the goods will use those goods for business purpose or any other purpose which is not a domestic purpose".