

Material Data Safety Sheet

PRODUCT NAME: HOT HARD FILM WAX BEADS

1. Product and Company Identification

Product name: wax beans

Synonyms: None

Item Numbers: None

Manufacturer:

Address: Guangzhou, China

2. Composition/Information on Ingredients

INCI NAME	CAS #	Percentage %	Hazard Class*	Risk Phrase*
Hydrogenated Polycyclopentadiene	68132-00-3	60.0000	Not Applicable	Not Applicable
Paraffin	8002-74-2	15.0000	Not Applicable	Not Applicable
Cera MICROCRISTALLINA	63231-60-7;64742-42-3	13.0000	Not Applicable	Not Applicable
Cetearyl Alcohol	67762-27-0	8.5000	Not Applicable	Not Applicable
PEG-40 Hydrogenated castor oil	61788-85-0	3.0000	Not Applicable	Not Applicable
TITANIUM DIOXIDE	13463-67-7	0.5000	Not Applicable	Not Applicable

Hazard class & Risk phrase. These columns are only completed for ingredients which are classified as hazardous under EU Directive (76/768/EEC, as amended) and are present in sufficient concentration to make the overall substance hazardous. In all other situations, the column will be completed as "Not applicable"

3. Hazards Identification

This material when properly handled according to good working and hygienic practices is not dangerous to human health and the environment at ambient temperature. There is the danger of burns when handling/applying hot soft wax.

Trace amounts of hydrogen sulphide and sulphur dioxide are liberated at elevated temperatures. For short- and long-term exposure effects see Section 11 Toxicological Data. Eye Effect: No Hazards in normal use at ambient temperature. There is a danger of burns when handling/applying hot soft wax.

Skin Effects: No hazards in normal use at ambient temperature. When using hot soft wax, repeated and prolonged skin contact may cause skin disorders. There is a danger of burns when handling/applying hot soft wax.

Ingestion/Oral Effects: Seek medical advice. Do not induce vomiting

Inhalation Effects: Not applicable

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: None Known

RATING SYSTEM

0 = No Hazard, 1 = Slight Hazard, 2 = Moderate Hazard, 3 = Serious Hazard, 4= Severe Hazard

NFPA Hazard codes

Health – 0

Flammability – 1

Instability – 0

HMIS Hazard codes

Health – 0

Flammability – 1

Instability – 0

4. First Aid Measures

Eyes Contact: In case of contact with the product, irrigate with copious quantities of cold water, seek medical advice

Skin Contact: In case of contact with the product, flush affected area with cold water. Do not remove wax. Cover with a sterile dressing and obtain medical advice.

Ingestion/Oral Contact: Do not induce vomiting, seek medical advice.

Inhalation: If overcome by fumes, remove from source. If breathing problems occur, a qualified individual should administer oxygen or artificial respiration as indicated, seek medical advice

Other Information: None

5. Fire Fighting Measures

Extinguishing Media: Carbon dioxide, dry powder, foam or water fog. Do not use water jets.

Fire and Explosion Hazard: No unusual hazards identified. Hazardous decomposition products: Trace amounts of hydrogen sulphide and sulphur dioxide are liberated at elevated temperatures.

Special Protective Equipment: In confined spaces, fire fighters should wear a self-contained breathing apparatus (SCBA) which meets appropriate standards operated in positive pressure mode, and full turnout gear.

For Flammability Properties - see Section 9

6. Accidental Release Measures

Wear suitable protective equipment to prevent contact with eyes. Collect the spill in containers and dispose of safely: see Section 13 "Disposal Considerations".

7. Handling and Storage

Handling: Handle the product in accordance with directions for use. No special precautions required.

Storage: Keep in a cool, dry place, out of reach of children. Keep protected from sunlight

8. Exposure Controls/Personal Protection

Engineering Measures: None required under normal condition of use.

Respiratory Protection: None required under normal condition of use.

Hand/Skin Protection: None required under normal condition of use. Wear heat resistant gloves when handling/applying hot soft wax.

Eye/Face Protection: None required under normal condition of use. Wear eye protection when handling/applying hot soft wax.

Hygiene Measures: Practice good workplace hygiene. Do not eat or smoke when handling. Wash hands after use and before eating.

Other / General Protection: None

9. Physical and Chemical Properties

		Ignition		
Volatile Content by Volume	No data available	Flash Point	320 / 608	°C / °F
Specific Gravity	1.017 @ 25 °C / 70 °F			

10. Stability and Reactivity

Stability: Stable.

Material/Conditions to Avoid: Avoid temperatures > 150 °C / 302 °F. Avoid strong oxidising agents.
Hazardous Decomposition: Trace amounts of hydrogen sulphide and sulphur dioxide are liberated at elevated temperatures.

Hazardous Polymerisation: Will not polymerise

11. Toxicological Information

For a comprehensive description for the various toxicological(health) effects which may arise if the user comes into contact with the substance or preparation refer to Section 3 Hazards Identification.

12. Ecological Information

When the product is used and / or disposed of as indicated, no adverse environmental effects are foreseen.

Mobility: The material is non-volatile and is insoluble in water.

Degradability: Not regarded as inherently biodegradable

13. Disposal Considerations

The product and it's packaging must be disposed of in accordance with local and national regulations. The product may be incinerated.

Unused product may be returned for reclamation.

14. Transport Information

This product is not classified as dangerous under transport regulations

PARAMETER	EUROPEAN	CANDIAN TDG	UNITED STATES DOT
Proper Shipping Name	Not applicable	Not applicable	Not applicable
Hazard Class	Not applicable	Not applicable	Not applicable
Identification Number	Not applicable	Not applicable	Not applicable
Shipping Label	Not applicable	Not applicable	Not applicable

15. Regulatory Information

European Regulatory Information

This product has been classified in accordance with the Dangerous Substances Directive (76/768/EEC, as amended) and the Preparations Directive (88/379/EEC, as amended), implemented in the UK as the Chemical (Hazard Information and Packing) Regulations 1994 (CHIP, as amended).

Classified as dangerous to supply: No

Risk Phrases: Not applicable

Safety Phrases: Not applicable

Symbols: None

United States Regulatory Information

All ingredients contained in this product are included in the EPA TSCA Chemical Substance Inventory.

SARA TITLE III - SECTION 313 SUPPLIER NOTIFICATION

This product does not contain toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act (EPCRA) of 1986 and 40 CFR Part 372.

California Proposition 65: This product does not contain chemicals known to the State of California to cause cancer or reproductive toxicity.

Canadian Regulatory Information

WHMIS Classification: Not applicable

All ingredients in this product are included in the Canadian DSL.

16. Other Information

This MSDS is compiled in accordance with ANSI Z400. 1 and the EU Safety Data Sheet Directive 91/155/EEC

Glossary:

ACGIH - American Conference of Governmental Industrial Hygienists; ANSI - American National Standards Institute; Canadian TDG - Canadian Transportation of Dangerous Goods; CAS - Chemical Abstracts Service; Chemtrec - Chemical Transportation Emergency Center (US); CHIP - Chemical (Hazard Information and Packing); DSL - Domestic Substances List; EH40(UK) - HSE Guidance Note EH40 Occupational exposure limits; EPA - Environmental Protection Agency; EPCRA - Emergency Planning and Community Right-to-Know Act; HMIS - Hazardous Material Information Service; LC - Lethal Concentration; LD - Lethal Dose; NFPA - National Fire Protection Association; OSHA - Occupational Safety and Health Administration, US department of Labour; PEL - Permissible exposure limit; SARA (Title III) - Superfund Amendments and Reauthorization Act; SCBA - Self-Contained Breathing Apparatus; STEL - Short Term Exposure Limit; TLV - threshold limit value; TSCA - Toxic Substances Control Act Public Law 94-469; TWA - Time-Weighted Average; US DOT - US Department of Transportation; WHMIS - Workplace Hazardous Materials Information System.