

Safety Data Sheet

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Acc. to OSHA Hazard Communication Standard (29 CFR 1910.1200)

Initial date of preparation: Apr. 8, 2022

Revision date: Apr. 8, 2022

PRODUCT NAME: Sealing Wax Beads

Section 1: Identification

Product identifier

Product Name: Sealing Wax Beads

Product Type: -

Brand: -

Recommended use of the product and uses advised against

Recommended Use: Fire paint seal

Uses advised against: No available data



Section 2: Hazard(s) identification

Classification of the substance or mixture

Classification according to the OSHA Hazard Communication Standard (29 CFR 1910.1200)

Not a hazardous substance or mixture.

Classification system

The classification is according to the latest edition of the OSHA Hazard Communication Standard (29 CFR 1910.1200), and extended by company and literature data.

Label elements

Lebelling according to the Globally Harmonized System (GHS).

Hazard pictograms: Void

Signal word: Void

Hazard statements: Void

Precautionary statements: Void

Hazards not otherwise classified (HNOC) or not covered by GHS

No further relevant information available.

Section 3: Composition/information on ingredients

☐ Substance ☒ Mixture

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Substance name	CAS No.	Weight %	Hazard Classification
Ethylene vinyl acetate copolymer	24937-78-8	90	Not classified
Paraffin	8002-74-2	3	Not classified
Pigment Yellow 13	5102-83-0	2.5	Not classified
C.I. Pigment Red 101	1309-37-1	2.5	Not classified
Titanium oxide	1317-80-2	1	Not classified
Pigment Blue 15	147-14-8	1	Not classified

Additional information:

The ingredient information provided by CHANGZHOU JIN YUAN SEAL CO., LTD.

Full text of Hazard Statements: see section 16.

Section 4: First-aid measures

Description of first aid measures

General advice

If symptoms persist, call a physician.

Inhalation

If breathed in, move person into fresh air. If not breathing, give artificial respiration. If symptoms persist, call a physician.

Skin contact

Wash off with soap and plenty of water. If symptoms persist, call a physician.

Eye contact

Flush eyes with water as a precaution. If symptoms persist, call a physician.

Ingestion

Rinse mouth with water. Consult a physician.

Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labeling (see section 2) and/or in section 11.

Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

Section 5: Fire-fighting measures

Extinguishing media

Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Special hazards arising from the substance or mixture

No further relevant information available.

Advice for firefighters

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Protective equipment

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Section 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

Use personal protective equipment as required.

Environmental precautions

Should not be released into the environment.

Methods and material for containment and cleaning up

Contain spillage, and then place in container for disposal according to local regulations.

Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

Section 7: Handling and storage

Precautions for safe handling

Precautions for safe handling

Avoid contact with eyes. Avoid inhalation.

Information about protection against fires and explosions

Normal measures for preventive fire protection.

Conditions for safe storage, including any incompatibilities

Requirements to be met by storerooms and receptacles

Store away from incompatible materials described in Section 10.

Information about storage in one common storage facility

Store in a dry, cool and well-ventilated place.

Further information about storage conditions

Keep container tightly closed.

Specific end use(s)

Apart from the uses mentioned in Section 1, no other specific uses are stipulated.

Section 8: Exposure controls/personal protection

Control parameters

Components with occupational exposure limits

CAS No.	ACGIH TLV	OSHA PEL	NIOSH IDLH
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8002-74-2	TWA: 2 mg/m ³	-	TWA: 2 mg/m ³
1309-37-1	TWA: 5 mg/m ³	-	-

Exposure controls

Based on the composition shown in Section 3, the following measures are suggested for occupational safety measure.

Appropriate engineering controls

Use with local exhaust ventilation. Ensure adequate ventilation, especially in confined areas.

Personal protective equipment

Eye/Face protection

No protection is ordinarily required under normal conditions of use.

Skin protection

Hand protection

No protection is ordinarily required under normal conditions of use.

Body protection

No protection is ordinarily required under normal conditions of use.

Respiratory Protection

No protection is ordinarily required under normal conditions of use.

Environmental exposure controls

Control measures must be made in accordance with community environmental protection legislation.

Section 9: Physical and chemical properties

Information on basic physical and chemical properties

Physical state:	Solid
Colour:	Golden
Odor:	Odorless
Odor Threshold:	No data available
pH-value:	No data available
Melting point/freezing point:	> 58 °C
Boiling point or initial boiling point and boiling range:	No data available
Flash point (closed cup):	Not applicable
Lower and upper explosion limit/flammability limit:	No data available
Evaporation rate:	Not applicable
Flammability (solid, gaseous):	Nonflammable
Auto-ignition temperature:	No data available

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Decomposition temperature:	No data available
Vapour pressure:	No data available
Vapor density:	Not applicable
Density and/or relative density:	No data available
Solubility:	Insoluble in water
Partition coefficient n-octanol/water (log value):	No data available
Kinematic viscosity:	Not applicable

Other information

No further relevant information available.

Remark: The data was derived from the ingredients of the mixture provided by the enterprise.

Section 10: Stability and reactivity

Reactivity

Stable under normal conditions.

Chemical stability

Stable at normal temperatures and storage conditions.

Possibility of hazardous reactions

None under normal processing.

Conditions to avoid

Incompatible materials. Fire and heat sources.

Incompatible materials

No data available.

Hazardous decomposition products

No data available.

Section 11: Toxicological information

Information on toxicological effects

Acute toxicity

Oral: Based on available data, the classification criteria are not met.

Dermal: Based on available data, the classification criteria are not met.

Inhalation: Based on available data, the classification criteria are not met.

LD/LC50 values that are relevant for classification

CAS No.	LD50 Oral	LD50 Dermal	LC50 Inhalation
8002-74-2	> 5000 mg/kg (Rat)	> 3600 mg/kg (Rabbit)	-
1309-37-1	> 10000 mg/kg (Rat)	-	-

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147-14-8	> 10000 mg/kg (Rat)	-	-
Skin corrosion/irritation:		Based on available data, the classification criteria are not met.	
Serious eye damage/eye irritation:		Based on available data, the classification criteria are not met.	
Respiratory or skin sensitization:			
Respiratory:		Based on available data, the classification criteria are not met.	
Skin:		Based on available data, the classification criteria are not met.	
Germ cell mutagenicity:		Based on available data, the classification criteria are not met.	
Carcinogenicity:		Based on available data, the classification criteria are not met.	
Reproductive toxicity:		Based on available data, the classification criteria are not met.	
STOT-single exposure:		Based on available data, the classification criteria are not met.	
STOT-repeated exposure:		Based on available data, the classification criteria are not met.	
Aspiration hazard:		Based on available data, the classification criteria are not met.	
Additional toxicological information			
IARC (International Agency for Research on Cancer)			
None of the ingredients is listed.			
NTP (National Toxicology Program)			
None of the ingredients is listed.			
OSHA-Ca (Occupational Safety & Health Administration)			
None of the ingredients is listed.			

Section 12: Ecological information

Toxicity

Aquatic toxicity

CAS No.	Freshwater Fish	Water Flea	Freshwater Algae
1309-37-1	LC50: > 50000 mg/L, 96h, Danio rerio	EC50: > 100 mg/L, 48h, Water flea	-
147-14-8	LC50: > 100 mg/L, 48h, static (Oryzias latipes)	-	-

Persistence and degradability

No data available.

Bioaccumulative potential

CAS No.	Log Pow
147-14-8	6.6

Mobility in soil

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No data available.

Other adverse effects

This product does not contain any known other adverse effects.

Section 13: Disposal considerations

Waste treatment methods

Recommendation

Follow all local, state, and federal regulations for disposal of waste chemicals.

Uncleaned packagings

Recommendation

Follow all local, state, and federal regulations for disposal of waste chemicals.

Section 14: Transport information

Land(DOT)

UN-Number: Not regulated (Not dangerous goods)

UN proper shipping name: Not regulated (Not dangerous goods)

Transport hazard class(es): Not regulated (Not dangerous goods)

Packing group: Not regulated (Not dangerous goods)

Sea(IMDG/IMO)

UN-Number: Not regulated (Not dangerous goods)

UN proper shipping name: Not regulated (Not dangerous goods)

Transport hazard class(es): Not regulated (Not dangerous goods)

Packing group: Not regulated (Not dangerous goods)

Environmental hazards No

- Marine pollutant:

EmS Number: Not applicable

Remark: According to the IMDG Code, 2020 Edition (inc. Amendment 40-20).

Air(IATA/ICAO)

UN-Number: Not regulated (Not dangerous goods)

UN proper shipping name: Not regulated (Not dangerous goods)

Transport hazard class(es): Not regulated (Not dangerous goods)

Packing group: Not regulated (Not dangerous goods)

Remark: According to IATA DGR (63rd Edition, 2022).

Transport Labels and Signs

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Not applicable.

Special precautions for user

No special precaution required.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable, packaged goods.

Additional information

No further relevant information available.

Section 15: Regulatory information

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

SARA

Section 355 (extremely hazardous substances)

None of the ingredients is listed.

Section 313 (Specific toxic chemical listings)

None of the ingredients is listed.

TSCA (Toxic Substances Control Act)

All ingredients are listed.

California Proposition 65

Chemicals known to cause cancer

None of the ingredients is listed.

Chemicals known to cause reproductive toxicity for females

None of the ingredients is listed.

Chemicals known to cause reproductive toxicity for males

None of the ingredients is listed.

Chemicals known to cause developmental toxicity

None of the ingredients is listed.

Carcinogenic categories

EPA (Environmental Protection Agency)

None of the ingredients is listed.

TLV (Threshold Limit Value established by ACGIH)

None of the ingredients is listed.

NIOSH-Ca (National Institute for Occupational Safety and Health)

None of the ingredients is listed.

Chemical safety assessment

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A Chemical Safety Assessment has not been carried out.

Section 16: Other information

Full text of H-Statements referred to under sections 2 and 3

None

Abbreviations and acronyms

GHS	Globally Harmonized System of Classification and Labelling of Chemicals.
OSHA	Occupational Safety & Health Administration
CAS	Chemical Abstracts Service
DOT	US Department of Transportation
IMDG/IMO	International Maritime Code for Dangerous Goods/ International Maritime Organization
IATA/ICAO	International Air Transport Association/ International Civil Aviation Organization
LC50	Lethal concentration, 50 percent.
LD50	Lethal dose, 50 percent.
EC50	50% effective concentration
BCF	Bioconcentration factor
NIOSH	National Institute for Occupational Safety and Health
ACGIH	American Conference of Governmental Industrial Hygienists
NOEC	no observed effect concentration
LOEC	Lowest Observed Effect Concentration
OECD	Organisation for Economic Co-operation and Development
IARC	International Agency for Research on Cancer.
STEL	STEL (Short Term Exposure Limit).
TWA	Time-weighted average
IDLH	Immediately Dangerous to Life or Health concentration
MARPOL	International Convention for the Prevention of Pollution from Ships
PBT	Persistent, Bioaccumulative, Toxic
vPvB	very Persistent, very Bioaccumulative
POW	Partition coefficient Octanol:Water

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The contents and format of this SDS are prepared in accordance with US Regulations Relating to Labor 29 CFR 1910.1200(g).

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End of SDS