SDS Service Summary

China Sun Fun Stationery Co., Ltd
NO.1. XINYUAN ROAD, JILI SCIENCE AND TECHNOLOGY PARKNANZHUANG TOWN, CHANCHENG DISTRICTFOSHAN CITYCHINA

The following samples were submitted and identified on behalf of the client as:

Sample Descriptions	:	A gel
Country of Origin	:	China
End Use	:	A gel mix with B gel together, and solid to different shapes
Supplier	:	China Sun Fun Stationery Co., Ltd
Supplier Address	:	NO.1. XINYUAN ROAD, JILI SCIENCE AND TECHNOLOGY PARKNANZHUANG TOWN, CHANCHENG DISTRICTFOSHAN CITYCHINA

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SGS Order No	:	SZHL2603011784TY
Composition/Ingredient of product (as per applicant submission)	:	See section 3 Composition/information on ingredients on the SDS
Job Receiving Date	:	MAR 31, 2026
SDS Preparation Period	:	MAR 31, 2026 TO APR 15, 2026

Service Requested	:	Preparation of Safety Data Sheet (SDS) for the product with submitted information, with calculation of the classification and labeling requirement according to the submitted composition and European Commission Regulation (EC) No 1272/2008.
Summary	:	As per request, the contents and formats of the SDS are prepared in accordance with European Commission Regulation (EC) No 1907/2006, Regulation (EC) No 1272/2008 and Regulation (EU) No 2020/878, and is provided per attached.

Disclaimer

This Safety Data Sheet (SDS) is provided to applicant to fulfill European Commission Regulation (EC) No 1907/2006 and communicate the hazard information of chemicals through the supply chain to ensure safe use. It is not a test report or a certificate ensuring the safety of a product.

SGS has consolidated product information based on documents provided by Applicant (i.e. product name, the supplier details, product composition, available physical data, etc.) without independent verification from SGS. The information is provided without any warranty, express or implied, regarding its correctness.

Signed for and on behalf of
SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

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_____
Jia Fengjuan,Shelly
Dept. Manager

1 Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Product Name	A gel
Cat No.	Not applicable
CAS No.	Not applicable
EC No.	Not applicable
Molecular Formula	Not applicable
REACH Registration Number	-
UFI	No information available

1.2 Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses	A gel mix with B gel together, and solid to different shapes.
Uses advised against	Please consult manufacturer.

1.3 Details of the supplier of the Safety Data Sheet

Name of the company	China Sun Fun Stationery Co., Ltd
Address of the company	NO.1. XINYUAN ROAD, JILI SCIENCE AND TECHNOLOGY PARKNANZHUANG TOWN, CHANCHENG DISTRICTFOSHAN CITYCHINA
Post code	528000
Telephone number	+86 18144932888
Fax number	——
E-mail address	sunfun@chinasunfun.com.cn

1.4 Emergency telephone number

Emergency telephone number	Netherlands NVIC: +31 (0)88 755 8000 (Only for the purpose of informing medical personnel in case of acute intoxications)
Opening hours	24h

2 Hazards identification

2.1 CLP classification according to Regulation (EC) No. 1272/2008 with amendment 2023/707

According to Regulation (EC) No 1272/2008 and its amendments. Not classified as a dangerous substance.

2.2 Label elements

Hazard pictograms	Not applicable
Signal word	Not applicable

Hazard statements

Hazard statements	Not applicable

Precautionary statements

- Prevention

Prevention	Not applicable

- Response

Response	Not applicable

- Storage

Storage	Not applicable

- Disposal

Disposal	Not applicable

2.3 Other hazards

- Results of PBT and vPvB assessment

Component	Results of PBT and vPvB assessment [according to (EC) No 1907/2006]
Vinyl Silicone Oil	Insufficient information, temporarily unable to evaluate
Silicon Dioxide	Insufficient information, temporarily unable to evaluate
267C Purple	Insufficient information, temporarily unable to evaluate
236C Pink	Insufficient information, temporarily unable to evaluate
Neon Orange	Not PBT/vPvB
2286C Green	Not PBT/vPvB
293C Blue	Not PBT/vPvB
192C Red	Not PBT/vPvB
Neon Pink	Not PBT/vPvB
354C Green	Insufficient information, temporarily unable to evaluate
3265C Blue	Insufficient information, temporarily unable to evaluate

- Results of endocrine disrupting properties assessment

Component	Results of endocrine disrupting properties assessment [according to (EU) No 2017/2100 or (EU) No 2018/605]
Vinyl Silicone Oil	Insufficient information, temporarily unable to evaluate
Silicon Dioxide	Insufficient information, temporarily unable to evaluate
267C Purple	Insufficient information, temporarily unable to evaluate
236C Pink	Insufficient information, temporarily unable to evaluate
Neon Orange	Insufficient information, temporarily unable to evaluate
2286C Green	Insufficient information, temporarily unable to evaluate
293C Blue	Insufficient information, temporarily unable to evaluate
192C Red	Insufficient information, temporarily unable to evaluate
Neon Pink	Insufficient information, temporarily unable to evaluate
354C Green	Insufficient information, temporarily unable to evaluate
3265C Blue	Insufficient information, temporarily unable to evaluate

◆ Other

	Not applicable.

3 Composition/information on ingredients

3.1 Substance

	Not applicable

3.2 Mixture

Component	Weight %content(or range)	Classification according to Regulation (EC) No. 1272/2008 with amendment 2023/707 [CLP]	Specific Conc. Limits, M-factors
color1： 267C Purple			
Vinyl Silicone Oil CAS：68083-19-2 EC：614-275-5 Index No.： -	70	Not Classified	-
Ethyl silicone oil CAS：68083-19-2 EC：614-275-5 Index No.： -	11.01	Not Classified	-
Silicon Dioxide CAS：14808-60-7 EC：238-878-4 Index No.： -	10	Not Classified	-
267C Purple CAS：6358-30-1 EC：228-767-9 Index No.： -	8.99	Not Classified	-
color2: 236C Pink			
Vinyl Silicone Oil CAS：68083-19-2 EC：614-275-5 Index No.： -	70	Not Classified	-
Ethyl silicone oil CAS：68083-19-2 EC：614-275-5 Index No.： -	19.79	Not Classified	-
Silicon Dioxide CAS：14808-60-7 EC：238-878-4 Index No.： -	10	Not Classified	-
236C Pink CAS：915-67-3 EC：213-022-2 Index No.： -	0.21	Serious eye damage/irritation, Category 2, H319	-
color3: Neon Orange			
Vinyl Silicone Oil CAS：68083-19-2 EC：614-275-5 Index No.： -	70	Not Classified	-
Ethyl silicone oil CAS：68083-19-2 EC：614-275-5 Index No.： -	18	Not Classified	-
Silicon Dioxide CAS：14808-60-7 EC：238-878-4	10	Not Classified	-

Index No.：-			
Neon Orange CAS：3520-72-7 EC：222-530-3 Index No.：-	2	Not Classified	-
color4: 2286C Green			
Vinyl Silicone Oil CAS：68083-19-2 EC：614-275-5 Index No.：-	70	Not Classified	-
Ethyl silicone oil CAS：68083-19-2 EC：614-275-5 Index No.：-	17.7	Not Classified	-
Silicon Dioxide CAS：14808-60-7 EC：238-878-4 Index No.：-	10	Not Classified	-
2286C Green CAS：1934-21-0 EC：217-699-5 Index No.：-	2.3	Not Classified	-
color5: 293C Blue			
Vinyl Silicone Oil CAS：68083-19-2 EC：614-275-5 Index No.：-	70	Not Classified	-
Ethyl silicone oil CAS：68083-19-2 EC：614-275-5 Index No.：-	18.23	Not Classified	-
Silicon Dioxide CAS：14808-60-7 EC：238-878-4 Index No.：-	10	Not Classified	-
293C Blue CAS：147-14-8 EC：205-685-1 Index No.：-	1.77	Not Classified	-
color6: ProcessC Blue			
Vinyl Silicone Oil CAS：68083-19-2 EC：614-275-5 Index No.：-	70	Not Classified	-
Ethyl silicone oil CAS：68083-19-2 EC：614-275-5 Index No.：-	18.9	Not Classified	-
Silicon Dioxide CAS：14808-60-7 EC：238-878-4 Index No.：-	10	Not Classified	-
ProcessC Blue CAS：147-14-8 EC：205-685-1 Index No.：-	1.1	Not Classified	-
color7: 116C Yellow			
Vinyl Silicone Oil CAS：68083-19-2	70	Not Classified	-

EC：614-275-5 Index No.：-			
Ethyl silicone oil CAS：68083-19-2 EC：614-275-5 Index No.：-	18.88	Not Classified	-
Silicon Dioxide CAS：14808-60-7 EC：238-878-4 Index No.：-	10	Not Classified	-
116C Yellow CAS：1934-21-0 EC：217-699-5 Index No.：-	1.12	Not Classified	-
color8: 192C Red			
Vinyl Silicone Oil CAS：68083-19-2 EC：614-275-5 Index No.：-	70	Not Classified	-
Ethyl silicone oil CAS：68083-19-2 EC：614-275-5 Index No.：-	19.22	Not Classified	-
Silicon Dioxide CAS：14808-60-7 EC：238-878-4 Index No.：-	10	Not Classified	-
192C Red CAS：6041-94-7 EC：227-930-1 Index No.：-	0.78	Not Classified	-
color9: Neon Pink			
Vinyl Silicone Oil CAS：68083-19-2 EC：614-275-5 Index No.：-	70	Not Classified	-
Ethyl silicone oil CAS：68083-19-2 EC：614-275-5 Index No.：-	17.32	Not Classified	-
Silicon Dioxide CAS：14808-60-7 EC：238-878-4 Index No.：-	10	Not Classified	-
Neon Pink CAS：6448-96-0 EC：229-246-9 Index No.：-	2.68	Not Classified	-
color10: 354C Green			
Vinyl Silicone Oil CAS：68083-19-2 EC：614-275-5 Index No.：-	70	Not Classified	-
Ethyl silicone oil CAS：68083-19-2 EC：614-275-5 Index No.：-	19.6	Not Classified	-
Silicon Dioxide CAS：14808-60-7 EC：238-878-4	10	Not Classified	-

Index No.：-			
354C Green CAS：1328-53-6 EC：215-524-7 Index No.：-	0.4	Not Classified	-
color11: Neon Yellow			
Vinyl Silicone Oil CAS：68083-19-2 EC：614-275-5 Index No.：-	70	Not Classified	-
Ethyl silicone oil CAS：68083-19-2 EC：614-275-5 Index No.：-	18	Not Classified	-
Silicon Dioxide CAS：14808-60-7 EC：238-878-4 Index No.：-	10	Not Classified	-
Neon Yellow CAS：1934-21-0 EC：217-699-5 Index No.：-	2	Not Classified	-
color12: 3265C Blue			
Vinyl Silicone Oil CAS：68083-19-2 EC：614-275-5 Index No.：-	70	Not Classified	-
Ethyl silicone oil CAS：68083-19-2 EC：614-275-5 Index No.：-	19.16	Not Classified	-
Silicon Dioxide CAS：14808-60-7 EC：238-878-4 Index No.：-	10	Not Classified	-
3265C Blue CAS：57455-37-5 EC：611-533-9 Index No.：-	0.84	Not Classified	-

4 First-aid measures

4.1 Description of first aid measures

General advice	Show this safety data sheet (SDS) to the doctor in attendance.
Eye contact	Rinse thoroughly with plenty of water and consult a physician if feel uncomfortable.
Skin contact	No harm in general situation.
Ingestion	Never give anything by mouth to an unconscious person. Call a physician or Poison Control Center immediately.
Inhalation	Move victim into fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration and consult a physician immediately.
Protecting of first-aiders	Ensure that medical personnel are aware of the substance involved. Take precautions to protect themselves and prevent spread of contamination.

4.2 Most important symptoms/effects, acute and delayed

1	Please see section 11.

4.3 Indication of any immediate medical attention and special treatment needed

1	Treat symptomatically.
2	Symptoms may be delayed.

5 Fire-fighting measures

5.1 Extinguishing media

Suitable extinguishing media	Use extinguishing media suitable for surrounding area.
Unsuitable extinguishing media	There is no restriction on the type of extinguisher which may be used.

5.2 Specific hazards arising from the substance or mixture

1	Development of hazardous gases or vapor possible in the event of fire.

5.3 Advice for firefighters

1	As in any fire, wear self-contained breathing apparatus （MSHA/NIOSH approved or equivalent) and full protective gear.
2	Fight fire from a safe distance, with adequate cover.
3	Prevent fire extinguishing water from contaminating surface water or the ground water system.

6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

1	Use personal protective equipment,do not breathe gas/mist/vapour/spray.
2	Ensure adequate ventilation. Remove all sources of ignition. Take precautionary measures against static discharges.
3	Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.

6.2 Environmental precautions

1	Prevent further leakage or spillage if safe to do so.
2	Discharge into the environment must be avoided.

6.3 Methods and materials for containment and cleaning up

1	Cut off the source of the leak as much as possible.
2	Keep leaks in a ventilated place.
3	Absorb spilled material in dry sand or inert absorbent. In case of large amount of spillage, contain a spill by bunding.
4	Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container.

6.4 Reference to other sections

1	Personal Protective Equipment advice is contained in Section 8 of the SDS.
2	Disposal considerations advice is contained in Section 13 of the SDS.

7 Handling and storage

7.1 Precautions for safe handling

◆ Protective measures

1	For precautions see section 2.2.

◆ Measures to prevent fire

1	Keep away from heat/sparks/open flames/ hot surfaces.

◆ Measures to prevent aerosol and dust generation

1	Not applicable.

◆ Advice on general occupational hygiene

1	Wash hands and face after using the substances.
2	Replace the contaminated clothing immediately.

7.2 Conditions for safe storage, including any incompatibilities

1	Keep containers tightly closed.
2	Keep containers in a dry, cool and well-ventilated place.
3	Store away from incompatible materials and foodstuff containers.

7.3 Specific end use(s)

1	In addition to use mentioned in the Section 1.2, unforeseen other specific end uses.

8 Exposure controls/personal protection

8.1 Control parameters

◆ Occupational exposure limit values

Component	Country/Region	Limit value - Eight hours		Limit value - Short term	
		ppm	mg/m³	ppm	mg/m³
Silicon Dioxide	Japan - JSOH(2024–2025)	-	0.03(respirable dust)	-	-
	Permissible exposure standards for workers in the workplace	-	0.1 fiber/cm3	-	0.3 fiber/cm3
	France	-	0.1	-	-
	Germany (AGS)	-	0.05	-	0.4
	Austria	-	0.05	-	-
	Belgium	-	0.1	-	-

◆ Biological limit values

Biological limit values	No relevant regulations

◆ Monitoring methods

1	EN 14042 Workplace atmospheres. Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents.
2	GBZ/T 300 and GBZ/T 160 series standard Determination of toxic substances in workplace air.

◆ Derived No effect level (DNEL)

Component	Route of exposure	DNEL for Workers			
		Acute effects (local)	Acute effects (systemic)	Chronic effects (local)	Chronic effects (systemic)
Vinyl Silicone Oil	Inhalation	No data available	No data available	No data available	No data available
	Oral	No data available	No data available	No data available	No data available
	Dermal	No data available	No data available	No data available	No data available
Silicon Dioxide	Inhalation	No data available	No data available	No data available	No data available
	Oral	No data available	No data available	No data available	No data available
	Dermal	No data available	No data available	No data available	No data available
267C Purple	Inhalation	No data available	No data available	No data available	No data available
	Oral	No data available	No data available	No data available	No data available
	Dermal	No data available	No data available	No data available	No data available
236C Pink	Inhalation	No data available	No data available	No data available	No data available
	Oral	No data available	No data available	No data available	No data available
	Dermal	No data available	No data available	No data available	No data available
Neon Orange	Inhalation	No data available	No data available	No data available	No data available
	Oral	No data available	No data available	No data available	No data available
	Dermal	No data available	No data available	No data available	No data available
2286C Green	Inhalation	No data available	No data available	No data available	372.52 mg/m3
	Oral	No data available	No data available	No data available	No data available
	Dermal	No data available	No data available	No data available	No data available
293C Blue	Inhalation	No data available	No data available	No data available	No data available
	Oral	No data available	No data available	No data available	No data available
	Dermal	No data available	No data available	No data available	No data available
192C Red	Inhalation	No data available	No data available	No data available	No data available
	Oral	No data available	No data available	No data available	No data available
	Dermal	No data available	No data available	No data available	No data available
Neon Pink	Inhalation	No data available	No data available	No data available	49.3 mg/m3
	Oral	No data available	No data available	No data available	No data available
	Dermal	No data available	No data available	No data available	No data available
354C Green	Inhalation	No data available	No data available	1.25 mg/m3	No data available
	Oral	No data available	No data available	No data available	No data available

	Dermal	No data available	No data available	No data available	No data available
3265C Blue	Inhalation	No data available	No data available	No data available	No data available
	Oral	No data available	No data available	No data available	No data available
	Dermal	No data available	No data available	No data available	No data available

◆ Predicted No Effect Concentration (PNEC)

Component	A	B	C	D	E	F	G	H
Neon Orange	No hazard identified	No hazard identified	No hazard identified	No hazard identified	No hazard identified	No hazard identified	No hazard identified	No potential to cause toxic effects if accumulated (in higher organisms) via the food chain
2286C Green	120 μg/L	12 μg/L	10 mg/L	469.92 μg/kg sediment dw	46.992 μg/kg sediment dw	No hazard identified	23.53 μg/kg soil dw	No potential for bioaccumulation
293C Blue	100 μg/L	10 μg/L	1 g/L	No hazard identified	No hazard identified	No hazard identified	No hazard identified	No potential for bioaccumulation
192C Red	No hazard identified	No hazard identified	No hazard identified	No hazard identified	No hazard identified	No hazard identified	No hazard identified	No potential to cause toxic effects if accumulated (in higher organisms) via the food chain
Neon Pink	0.529 ng/L	0.053 ng/L	No hazard identified	5.72 μg/kg sediment dw	572 ng/kg sediment dw	No hazard identified	1.14 μg/kg soil dw	No potential for bioaccumulation
354C Green	100 μg/L	10 μg/L	1 g/L	No hazard identified	No hazard identified	No hazard identified	No hazard identified	No potential for bioaccumulation

Note 1:
A: Freshwater; B: Seawater; C: Sewage treatment plant; D: Sediment (freshwater); E: Sediment (seawater); F: Air; G: Soil; H: Secondary poisoning(Hazard for Predators).
Note 2:
The PNEC values of the remaining components not shown in the product are not available yet.

8.2 Exposure controls

8.2.1 Engineering controls

1	Ensure adequate ventilation, especially in confined areas.
2	Wash hands before breaks and at the end of workday.

8.2.2 Personal protection equipment

General requirement	No special requirements, please see the description below.
Eye protection	In general situation, eye protection is not needed. In the production process, when contacting with vapour or dust, tightly fitting safety goggles.
Hand protection	In general situation, hand protection is not needed.
Respiratory protection	In general situation, respiratory protection is not needed. If exposure limits are exceeded or if irritation or other symptoms are experienced, wear dust proof mask or gas defence mask.
Skin and body protection	In general situation, skin and body protection are not needed.

8.2.3 Environmental exposure controls

Environmental exposure controls	No information available

9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	Gel
Colour	267C Purple, 236C Pink, Neon Orange, 2286C Green, 293C Blue, ProcessC Blue, 116C Yellow, 192C Red, Neon Pink, 354C Green, Neon Yellow, 3265C Blue
Odor	Odorless
Odor threshold	No information available
pH	No information available
Melting point/freezing point(°C)	No information available
Initial boiling point and boiling range(°C)	No information available
Flash point(Closed cup,°C)	No information available
Evaporation rate	No information available
Flammability	No information available
Upper/lower explosive limits[%(v/v)]	Upper limit：No information available；Lower limit：No information available
Vapor pressure	No information available
Vapor density(Air = 1)	No information available
Relative density(Water=1)	No information available
Solubility	No information available
n-octanol/water partition coefficient	No information available
Auto-ignition temperature(°C)	No information available
Decomposition temperature(°C)	No information available
Kinematic viscosity	No information available
Explosive properties	No information available
Oxidizing properties	No information available

Particle characteristics	Not applicable

9.2 Other information

9.2.1 Information with regard to physical hazard classes

Information with regard to physical hazard classes	No information available

9.2.2 Other safety characteristics

Other safety characteristics	No information available

10 Stability and reactivity

Stability and reactivity

10.1 Reactivity	Contact with incompatible substances can cause decomposition or other chemical reactions.
10.2 Chemical stability	Stable under proper operation and storage conditions.
10.3 Possibility of hazardous reactions	No information available.
10.4 Conditions to avoid	Incompatible materials, heat, flame and spark.
10.5 Incompatible materials	No information available.
10.6 Hazardous decomposition products	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11 Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008 with amendment 2023/707

	A gel
Skin corrosion/irritation	Based on available data, the classification criteria are not met
Serious eye damage/irritation	Based on available data, the classification criteria are not met
Skin sensitization	Based on available data, the classification criteria are not met
Respiratory sensitization	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
Germ cell mutagenicity	Based on available data, the classification criteria are not met

Acute toxicity

Component	LD_{50}(oral)	LD_{50}(dermal)	LC_{50}(inhalation,4h)
Neon Orange	> 5000mg/kg(Rat)	No information available	No information available
2286C Green	12750mg/kg(Mouse)	No information available	No information available

Carcinogenicity

Component	List of carcinogens by the IARC Monographs	Report on Carcinogens by NTP
Vinyl Silicone Oil	Not Listed	Not Listed
Silicon Dioxide	Category 1	Category K

267C Purple	Not Listed	Not Listed
236C Pink	Category 3	Not Listed
Neon Orange	Not Listed	Not Listed
2286C Green	Not Listed	Not Listed
293C Blue	Not Listed	Not Listed
192C Red	Not Listed	Not Listed
Neon Pink	Not Listed	Not Listed
354C Green	Not Listed	Not Listed
3265C Blue	Not Listed	Not Listed

11.2 Information on other hazards

11.2.1 Endocrine disrupting properties

Component	Endocrine disrupting properties
Vinyl Silicone Oil	No information available
Silicon Dioxide	No information available
267C Purple	No information available
236C Pink	No information available
Neon Orange	No information available
2286C Green	No information available
293C Blue	No information available
192C Red	No information available
Neon Pink	No information available
354C Green	No information available
3265C Blue	No information available

11.2.2 Other Information

Other Information	See Section 11.1

12 Ecological information

12.1 Toxicity

Acute aquatic toxicity

Component	Fish	Crustaceans	Algae or other aquatic plants
293C Blue	No information available	EC_{50}：> 500mg/L (48h)(Crustaceans)	No information available
192C Red	LC_{50}：> 100mg/L (96h)(Fish)	EC_{50}：> 110mg/L (48h)(Crustaceans)	No information available
3265C Blue	LC_{50}：>90mg/L (96h)(Fish)	EC_{50}：>21mg/L (48h)(Crustaceans)	ErC_{50}：>99mg/L (72h)(Algae)
Neon Orange	LC_{50}：> 500mg/L (96h)(Fish)	No information available	No information available

2286C Green	LC_{50}：> 120mg/L (96h)(Fish)	EC_{50}：> 125mg/L (48h)(Crustaceans)	No information available

Chronic aquatic toxicity

Component	Fish	Crustaceans	Algae or other aquatic plants
3265C Blue	No information available	NOEC：26mg/L(Crustaceans)	NOEC：>99mg/L(Algae)

12.2 Persistence and degradability

Component	Persistence (water/soil)	Persistence (air)
236C Pink	High	High
2286C Green	High	High
293C Blue	High	High
3265C Blue	Low	Low

12.3 Bioaccumulative potential

Component	Bioaccumulative potential	Comments
236C Pink	Low	Log Kow=1.6301
Neon Orange	Low	BCF=5.6
2286C Green	Low	BCF=3
293C Blue	Low	BCF=33
354C Green	Low	BCF=74
3265C Blue	Low	Log Kow=0.229

12.4 Mobility in soil

Component	log Koc	Remark
236C Pink	6.196	
2286C Green	-4.228	20 ℃, pH=7.0
293C Blue	10.000	
192C Red	> 5	40℃
Neon Pink	5.0334	MCI method
3265C Blue	1.155	

12.5 Results of PBT and vPvB assessment

Component	Results of PBT and vPvB assessment [according to (EC) No 1907/2006]
Vinyl Silicone Oil	Insufficient information, temporarily unable to evaluate
Silicon Dioxide	Insufficient information, temporarily unable to evaluate
267C Purple	Insufficient information, temporarily unable to evaluate
236C Pink	Insufficient information, temporarily unable to evaluate
Neon Orange	Not PBT/vPvB

2286C Green	Not PBT/vPvB
293C Blue	Not PBT/vPvB
192C Red	Not PBT/vPvB
Neon Pink	Not PBT/vPvB
354C Green	Insufficient information, temporarily unable to evaluate
3265C Blue	Insufficient information, temporarily unable to evaluate

12.6 Endocrine disrupting properties

Component	Endocrine disrupting properties
Vinyl Silicone Oil	No information available
Silicon Dioxide	No information available
267C Purple	No information available
236C Pink	No information available
Neon Orange	No information available
2286C Green	No information available
293C Blue	No information available
192C Red	No information available
Neon Pink	No information available
354C Green	No information available
3265C Blue	No information available

12.7 Other adverse effects

	No information available

13 Disposal considerations

13.1 Waste treatment methods

Waste chemicals	Before disposal should refer to the relevant national and local laws and regulation.
Contaminated packaging	Must be discarded according to official regulations. Clean with water and detergent if necessary.
Disposal recommendations	Refer to section waste chemicals and contaminated packaging.

14 Transport information

Label and Mark

Transporting Label	Not applicable

IMDG-CODE

IMDG-CODE	NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

IATA-DGR

IATA-DGR	NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

UN-ADR

UN-ADR	NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

Special precautions for user

	Transport vehicles should be equipped with the appropriate variety and quantity of fire equipment and emergency equipment leakage during transport. Before transport, should be preceded by checking whether container integrity, sealing. The transport unit must be placarded and marked in accordance with relevant transporting requirements.

Maritime transport in bulk according to IMO instruments

◆ Transport in bulk according to Annex II of MARPOL and the IBC code

	Not Available

◆ Transport in bulk in accordance with MARPOL Annex V and the IMSBC Code

	Not Available

◆ Transport in bulk in accordance with the IGC Code

	Not Available

15 Regulatory information

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

International chemical inventory

Component	A	B	C	D	E	F	G	H	I	J	K	L	M
Vinyl Silicone Oil	√	×	√	√	√	√	√	√	√	√	√	√	√
Silicon Dioxide	√	√	√	√	√	√	√	√	√	√	√	√	√
267C Purple	√	√	√	√	√	√	√	×	×	√	√	√	√
236C Pink	√	√	√	√	√	√	√	√	√	√	×	√	√
Neon Orange	√	√	√	√	√	√	√	√	√	√	√	√	√
2286C Green	√	√	√	√	√	√	√	√	√	√	√	√	√
293C Blue	√	√	√	√	√	√	√	√	√	√	√	√	√
192C Red	√	√	√	√	√	√	√	√	√	√	√	√	√
Neon Pink	√	√	√	√	×	√	×	√	√	×	×	√	√
354C Green	√	√	√	√	√	√	√	√	√	√	×	√	√
3265C Blue	√	×	√	√	√	√	√	√	√	√	√	√	√

【A】 China Inventory of Existing Chemical Substances(IECSC)
【B】 European Inventory of Existing Commercial Chemical Substances(EC inventory)
【C】 United States Toxic Substances Control Act Inventory(TSCA)
【D】 Canadian Domestic Substances List(DSL)
【E】 New Zealand Inventory of Chemicals(NZIoC)
【F】 Philippines Inventory of Chemicals and Chemical Substances(PICCS)
【G】 Korea Existing Chemicals Inventory(KECL)
【H】 Australian. Inventory of Industrial Chemical (AIICS)
【I】 Japan Inventory of Existing & New Chemical Substances(ENCS)
【J】 Thailand Existing Chemicals Inventory(TECI)
【K】 Mexico National Inventory of Chemical Substances (INSQ)
【L】 Russia Inventory of Existing Substances(DRAFT)
【M】 Inventory of Existing Chemical Substances in Taiwan, China (TCSI)

List of Chemical Substances under International Conventions

Component	A	B	C
Vinyl Silicone Oil	×	×	×
Silicon Dioxide	×	×	×
267C Purple	×	×	×
236C Pink	×	×	×
Neon Orange	×	×	×
2286C Green	×	×	×
293C Blue	×	×	×
192C Red	×	×	×
Neon Pink	×	×	×
354C Green	×	×	×
3265C Blue	×	×	×

【A】 The Montreal Protocol on Substances that Deplete the Ozone Layer
【B】 Stockholm Convention on Persistent Organic Pollutants (POPs)
【C】 Rotterdam Convention on the prior informed consent procedure for certain hazardous chemicals and pesticides in international trade

European chemical inventory

Component	A	B	C	D	E	F	G	H	I
Vinyl Silicone Oil	×	×	×	√	×	×	×	×	×
Silicon Dioxide	×	×	×	√	√	×	×	×	×
267C Purple	×	×	×	√	×	×	×	×	×
236C Pink	×	×	×	√	√	×	×	×	×
Neon Orange	×	×	×	√	√	×	×	×	×
2286C Green	×	×	×	√	√	×	×	×	×
293C Blue	×	×	×	√	√	×	×	×	×
192C Red	×	×	×	√	√	×	×	×	×
Neon Pink	×	×	×	√	√	×	×	×	×
354C Green	×	×	×	√	√	×	×	×	×
3265C Blue	×	×	×	√	×	×	×	×	×

[A] Candidate list of Substances of Very High Concern for authorization under EU REACH regulation
[B] Substances requiring authorisation under EU REACH regulation
[C] Substances restricted under EU REACH
[D] Pre-registered substances under EU REACH
[E] Registered substances under EU REACH
[F] Substance Evaluation – CoRAP under EU REACH
[G] List of priority substances under EU water policy （Directive 2455/2001/EC）
[H] Substances subject to POPs Regulation
[I] Substances proposed as POPs

Note:
"√" Indicates that the substance included in the regulations.
"×" No data or not included in the regulations.

German water hazard class(WGK)

Component	WGK	Remark
Silicon Dioxide	nwg	
267C Purple	WGK 1	
Neon Orange	WGK 3	
2286C Green	WGK 1	
293C Blue	nwg	
354C Green	WGK 1	
3265C Blue	nwg	

【WGK 1】 slightly hazardous to water
【WGK 2】 obviously hazardous to water
【WGK 3】 highly hazardous to water
【nwg】 non-hazardous to water
【awg】 hazardous to water in general

German technical instructions on air quality control(TA LUFT)

Component	TA LUFT	Remark
Silicon Dioxide	Chapter 5.2.7.1.1 Carcinogenic substances. Quartz fine dust PM4 (quartz and cristobalite). As minimum requirement, the following values are in all not allowed to be exceeded in the exhaust gas:Mass flow: 1,5 g/hr or Mass conc.: 0,5 mg/m³	
267C Purple	Chapter 5.2.5 Organic Substances, dust,including fine dust.To be treated as overall dust. The emissions of dust in the exhaust gas are not allowed to exceed the following values:Mass flow:0,20 kg/hr or Mass conc.:20 mg/m³ The mass per unit volume of 0,15 g/m³ in exhaust gas is not allowed to be exceeded also on observance or lower deviation of a mass flow of 0,20 kg/h.For emission sources that exceed the mass flow rate of 0.40 kg/h, the mass concentration in waste gas the mass concentration must not exceed 10 mg/m³.	
236C Pink	Chapter 5.2.5 Organic Substances, dust,including fine dust.To be treated as overall dust. The emissions of dust in the exhaust gas are not allowed to exceed the following values:Mass flow:0,20 kg/hr or Mass conc.:20 mg/m³ The mass per unit volume of 0,15 g/m³ in exhaust gas is not allowed to be exceeded also on observance or lower deviation of a mass flow of 0,20 kg/h.For emission sources that exceed the mass flow rate of 0.40 kg/h, the mass concentration in waste gas the mass concentration must not exceed 10 mg/m³.	

2286C Green	Chapter 5.2.5 Organic Substances, dust,including fine dust.To be treated as overall dust. The emissions of dust in the exhaust gas are not allowed to exceed the following values:Mass flow:0,20 kg/hr or Mass conc.:20 mg/m³ The mass per unit volume of 0,15 g/m³ in exhaust gas is not allowed to be exceeded also on observance or lower deviation of a mass flow of 0,20 kg/h.For emission sources that exceed the mass flow rate of 0.40 kg/h, the mass concentration in waste gas the mass concentration must not exceed 10 mg/m³.	
293C Blue	Chapter 5.2.2 Inorganic dusts. Class III. Also with the presence of several substances of the same class, the following values are in all not allowed to be exceeded in the exhaust gas:Mass flow:5 g/hr or Mass conc.:1 mg/m³. Specified as Cu.	
354C Green	Chapter 5.2.5 Organic Substances, dust,including fine dust.To be treated as overall dust. The emissions of dust in the exhaust gas are not allowed to exceed the following values:Mass flow:0,20 kg/hr or Mass conc.:20 mg/m³ The mass per unit volume of 0,15 g/m³ in exhaust gas is not allowed to be exceeded also on observance or lower deviation of a mass flow of 0,20 kg/h.For emission sources that exceed the mass flow rate of 0.40 kg/h, the mass concentration in waste gas the mass concentration must not exceed 10 mg/m³.	

German technical rules for hazardous substances(TRGS)

Component	TRGS	Remark
Silicon Dioxide	TRGS 500|TRGS 509|TRGS 510|TRGS 559|TRGS 906	
267C Purple	TRGS 500|TRGS 509|TRGS 510|TRGS 800	
236C Pink	TRGS 201|TRGS 400|TRGS 555|TRGS 600|TRGS 500|TRGS 509|TRGS 510|TRGS 800|TRGS 720|TRGS 721|TRGS 722|TRGS 723|TRGS 724	
2286C Green	TRGS 500|TRGS 509|TRGS 510|TRGS 800	
293C Blue	TRGS 500|TRGS 509|TRGS 510|TRGS 800|TRGS 720|TRGS 721|TRGS 722|TRGS 723|TRGS 724	
354C Green	TRGS 500|TRGS 509|TRGS 510|TRGS 800|TRGS 720|TRGS	

	721 TRGS 722|TRGS 723|TRGS 724	

15.2 Chemical safety assessment

	No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

16 Other information

Information on revision

Creation Date	2026/04/09
Revision Date	-
Reason for revision	-

Reference

[1] IPCS: The International Chemical Safety Cards (ICSC), website: http://www.ilo.org/dyn/icsc/showcard.home.
[2] IARC, website: http://www.iarc.fr/.
[3] OECD: The Global Portal to Information on Chemical Substances, website: https://www.echemportal.org/echemportal/.
[4] CAMEO Chemicals, website: http://cameochemicals.noaa.gov/search/simple.
[5] NLM: ChemIDplus, website: http://chem.sis.nlm.nih.gov/chemidplus/chemidlite.jsp.
[6] EPA: Integrated Risk Information System, website: http://cfpub.epa.gov/iris/.
[7] U.S. Department of Transportation: ERG, website: http://www.phmsa.dot.gov/hazmat/library/erg.
[8] Germany GESTIS-database on hazard substance, website: http://gestis-en.itrust.de/.

Abbreviations and acronyms

CAS	Chemical Abstracts Service	UN	The United Nations
PC-STEL	Short term exposure limit	OECD	Organization for Economic Co-operation and Development
PC-TWA	Time Weighted Average	IMDG-CODE	International Maritime Dangerous Goods CODE
MAC	Maximum Allowable Concentration	IARC	International Agency for Research on Cancer
DNEL	Derived No Effect Level	ICAO	International Civil Aviation Organization
PNEC	Predicted No Effect Concentration	IATA	International Air Transportation Association
NOEC	No Observed Effect Concentration	ACGIH	American Conference of Governmental Industrial Hygienists
LC_{50}	Lethal Concentration 50%	NFPA	National Fire Protection Association
LD_{50}	Lethal Dose 50%	NTP	National Toxicology Program
EC_{50}	Effective Concentration 50%	PBT	Persistent, Bioaccumulative, Toxic
EC_X	Effective Concentration X%	vPvB	very Persistent, very Bioaccumulative
P_{OW}	Partition coefficient Octanol: Water	CMR	Carcinogens, mutagens or substances toxic to reproduction
BCF	Bioconcentration factor	RPE	Respiratory Protective Equipment
ED	Endocrine disruptor		