Safety Data Sheet

Silicone Color

Date: 24.11. 2025

Product: Silicone Color Version: 1.2

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

1.1 Product identifier

Silicone color: black, white, red, blue, green, yellow, and pink

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

Relevant identified uses: pigment for coloring silicone

Details of the supplier of the safety data sheet

Company and contact address:

Heiss Development

Pramvej 7, 8940 Randers SV, Denmark

Telephone: +45 86 42 26 26

E-mail adress: info@makemake.dk

CVR/VAT number: 39641259

Responsible person: Erik Heiss

Emergency phone

Poison Center (Denmark): +45 82 12 12 12, 24-hour service, 7 days a week

International emergency number: +49 180 2273-112

SECTION 2: Hazard identification

2.1 Classification of the substance or mixture

Classification according to (EC) No. 1272/2008 (CLP/GHS):
The product is **not classified as a hazardous substance or mixture.**
There are no classified hazard properties according to the current criteria of the CLP Regulation, including the new hazard classes for endocrine-disrupting properties (Regulation (EU) 2023/707).

2.2 Label elements

Labeling according to (EC) No. 1272/2008 (CLP):
No hazard pictograms, signal words, or hazard statements required.
Additional information:
No specific labeling requirements according to CLP.
No EUH statements are required, as the product does not contain substances classified as endocrine-disrupting.

2.3 Other hazards

Endocrine (hormone-disrupting) properties:
Based on the latest review of available data and public databases (ECHA database, supplier SDSs, ECETOC reports, etc.), none of the declared ingredients polydimethylsiloxane (CAS 63148-62-9) or iron oxide (Fe_2O_3, CAS 1332-37-2) are classified as endocrine-disrupting substances for humans or the environment.
Therefore, the product does not contain substances identified as endocrine-disrupting above the applicable thresholds (≥0.1% for ED Cat. 1).

Other physical and chemical hazards: see Section 10.

Toxicological information: see Section 11.

Ecological information: see Section 12.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Chemical composition	CAS no.	EC#	Weight (%)
Dimethylsiloxane	63148-62-9	613-159-5	70
Iron oxide	1332-37-2	215-570-8	30

SECTION 4: First aid measures

4.1. Description of first aid measures

Normal use does not require special measures. For prolonged industrial exposure, apply the following precautions:

Inhalation: Move the person to fresh air.

Ingestion: Do not induce vomiting. Seek medical attention.

Skin: Wash with water and soap

Eyes: Rinse eyes with water

Personal protective equipment for first responders: No data available
Most important symptoms/effects, acute and delayed: No data available
Indication of any immediate medical attention and special treatment needed: No data available

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SECTION 5: Firefighting measures
5.1. Extinguishing media
Suitable extinguishing media: Use extinguishing media appropriate for the local conditions and surrounding environment, e.g., dry powder, CO_2.
Unsuitable extinguishing media: No data available

5.2. Special hazards arising from the substance or mixture
No data available

5.3. Advice for firefighters
Firefighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA), as well as impermeable protective clothing.

SECTION 6: Accidental release measures
Normal use does not require special precautions. For prolonged industrial use, refer to the following:
6.1. Personal precautions, protective equipment, and emergency procedures
Use protective equipment. Keep unprotected persons at a distance. Ensure adequate ventilation.

6.2. Environmental precautions
Do not release the material into the environment without appropriate regulatory authorization.

6.3. Methods and materials for containment and cleaning up
Remove ignition sources and evacuate the area. Sweep up in a way that does not generate dust. Collect as much of the spilled material as possible and place it in a suitable container for disposal. Keep spilled material out of drains, ditches, and water. For all waste handling, refer to United Nations, national, and local disposal regulations.

6.4. Reference to other sections
See Section 7 for information on safe handling.
See Section 8 for information on personal protective equipment.
See Section 13 for disposal regulations.

SECTION 7: Handling and storage

Normal use does not require special precautions. For prolonged industrial use, refer to the following:

7.1. Precautions for safe handling
Store in a cool, dry, and well-ventilated environment. Keep separate from food and water supplies.

Wash hands thoroughly before eating or drinking. Chemicals should be stored in a way that prevents the generation and accumulation of static electricity when handling the container.

7.2. Conditions for safe storage, including any incompatibilities

eep the container tightly closed in a dry, cool, and well-ventilated place. Keep away from heat and sunlight.

Ensure the container remains tightly closed.

7.3. Specific uses

Not available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

CAS no.	ACGIH	NIOSH	OSHA
63148-62-9	N/A	N/A	N/A
1332-37-2	N/A	N/A	N/A

8.2. Exposure controls

Measures to control occupational exposure:

Usual measures for handling chemicals should be followed.
Keep food, beverages, and animal feed separate.
Remove all contaminated clothing immediately.
Wash hands before breaks and at the end of work.

Personal protective equipment, skin protection: Wear protective gloves and clothing to minimize skin contact. The type of protective equipment should be appropriate to the concentration and presence of particularly hazardous substances in the workplace.
Personal protective equipment, respiratory protection: Use appropriate respiratory protection. In case of a high risk of spillage, use protective clothing with self-contained, air-supplied breathing apparatus.
Personal protective equipment, eyes: Tight-fitting safety goggles or protective glasses in combination with respiratory protection.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state: Liquid
Color: Red / Blue / Black / Green / White
Odor: Not available
pH (concentrate): N/A
Melting/freezing point: No data
Density: No data
Bulk density: No data
Flash point: >100.0°C (Closed cup)
Evaporation rate: Not available
Flammability (solid, gas): Not available
Upper/lower flammability or explosive limits: Not available
Upper/lower explosion limits: Not available
Solubility in water: Practically insoluble
Partition coefficient n-octanol/water: Not available
Auto-ignition temperature: Not available
Decomposition temperature: Not available

9.2. Other information

None

SECTION 10: Stability and reactivity
10.1. Reactivity
No specific test data related to reactivity are available for this product or its ingredients.

10.2. Chemical stability
The product is stable.

10.3. Possibility of hazardous reactions
No data available.

10.4. Conditions to avoid
Incompatible materials.

10.5. Incompatible materials
No data available

10.6. Hazardous decomposition products
Carbon oxides.

SECTION 11: Toxicological information
11.1. Information on toxicological effects

Acute toxicity

CAS no.	LC50/LD50
63148-62-9	No data available
1332-37-2	No data available

Irritation/corrosion:
No further relevant information available

Sensitization:
No further relevant information available

Additional toxicological information:
No further relevant information available

Endocrine effects:
No toxicological data are available indicating endocrine/hormone-disrupting effects for the declared ingredients at the concentrations used.

SECTION 12: Ecological information
12.1. Toxicity
Aquatic toxicity: No further relevant information available

12.2. Persistence and degradability
Not available

12.3. Bioaccumulative potential
Not available

12.4. Mobility in soil
No further relevant information available.

12.5. Other adverse effects
Endocrine (environmental) effects: There is no evidence that the declared ingredients are classified as environmentally endocrine-disrupting substances (ED ENV).

SECTION 13: Disposal considerations
13.1. Waste treatment methods
Recommendation:
Consult governmental, local, and national regulations to ensure proper disposal.

Uncleaned containers:
Disposal must follow official regulations.

SECTION 14: Transport information

14.1. UN number: N/A
14.2. UN proper shipping name: N/A
(UN proper shipping name)
14.3. Transport hazard class(es): None, not classified as dangerous goods
14.4. Packing group: N/A
14.5. Environmental hazards: N/A
14.6. Special precautions for user: No information available

SECTION 15: Regulatory information
15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture
This Safety Data Sheet complies with Regulation (EC) No. 1907/2006 (REACH)

CAS no.	TSCA	IECSC	DSL/NDSL	EINECS/ELINCS/NLP
63148-62-9	Listed	Listed	Listed DSL	Listed
1332-37-2	Listed	Listed	Listed DSL	Listed

CLP update: Commission Delegated Regulation (EU) 2023/707 (amendments to CLP concerning new hazard classes, including endocrine-disrupting substances).

ECHA guidance: Guidance on the Application of the CLP Criteria (updated 13 Nov 2024).

SECTION 16: Other information
Explanation of abbreviations:

CLP: EU Regulation (EC) No. 1272/2008 on classification, labeling, and packaging of

	chemical substances and mixtures.
EC:	European Commision
CAS:	Chemical Abstracts Service (Division of the American Chemical Society).
ACGIH:	American Conference of Governmental Industrial Hygienists
NIOSH:	US National Institute for Occupational Safety and Health
OSHA:	US Occipational Safety and Health
TLV:	Treshold Limit Value
STEL:	Short Term Exposure Limit
PEL:	Permissible Exposure Limit
REL:	Recommended Exposure Limit
PC-STEL:	Permissible concentration-short time exposure limit
PC-TWA:	Permissible concentration-time weighted average
IARC:	International Agency for Research on Cancer
IATA:	International Air Transport Association
IMDG:	International Maritime Dangerous Goods
TDG:	Recommendations on the TRANSPORT OF DANGEROUS GOODS Model Regulations
TOC:	Total Organic Carbon
LC50:	Lethal concentration, 50 percent kill
LD50:	Lethal dose, 50 percent kill
EC50:	Median effective concentration
NOEC:	No observed effect concentration
NTP:	US National Toxicology Program
RTECS:	Registry of Toxic Effects of Chemical Substances
TWA:	Time Weighted Average
TSCA:	United States Toxic Substances Control Act
DSL:	the Domestic Substances List of Canada
NDSL:	the Non-domestic Substances List of Canada
EINECS:	European Inventory of Existing Commercial Chemical Substances
DK OEL:	Grænseværdier for stoffer og materialer
DK OEL / GV:	Average values
ATE:	Acute Toxicity Estimate
BCF:	Bioconcentration Factor
BOD:	
GHS:	Globally Harmonised System for the Classification and Labelling of Chemicals
PBT:	Persistent, Bioaccumulative and Toxic
PNEC-value:	Predicted No-Effect Concentration
RRN:	REACH Registration Number
vPvB:	Very Persistent and Very Bioaccumulative

If you have any questions regarding this safety data sheet, its content, or any other product safety–related matters, please contact the following email address: info@makemake.dk

The information provided in this safety data sheet is based on our current knowledge and experience and describes the product solely with regard to safety requirements. The information does not represent any agreed property or specification of the product. No conclusions regarding the suitability of the product for a specific application can be drawn from this information.

It is the responsibility of the recipient of the product to observe proprietary rights as well as applicable laws and regulations.