

Safety Data Sheet

Conforms to – Regulation (EC) No. 1907/2006 (REACH), Article 31, Annex II, as amended by UK SI 2021/904

SILICONE COLOR

Date of first edition: 5/27/2026

Safety Data Sheet dated 27/05/2026 version 1

kerakoll

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

1.1. Product identifier

Mixture identification:

Trade name: SILICONE COLOR

Trade code: FO000834

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

Recommended use: Adhesives, sealants

Uses advised against: All uses other than recommended ones

1.3. Details of the supplier of the safety data sheet

Kerakoll UK Ltd

Tomlinson Road, Leyland, Lancashire, PR25 2DY,

United Kingdom

Tel. 01772 456831

safety@kerakoll.co.uk

1.4. Emergency telephone number

UK National Poisons Information Service.

E-mail: npis.birmingham@nhs.net; Tel: +44 (0)344 892 0111

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

GB CLP regulation:

The product is not classified as dangerous according to GB CLP regulation.

Adverse physicochemical, human health and environmental effects:

Mixture declassified for the applicability of the bridging principles pursuant to Article 9(4) of Regulation (EC) No 1272/2008 (CLP) and point 1.1.3 of Annex I to that Regulation. Consult Section 11.1 for data relating to similar mixtures which have already been tested.

2.2. Label elements

The product is not classified as dangerous according to GB CLP regulation.

Special Provisions:

EUH210 Safety data sheet available on request.

EUH208 Contains 4,5-DICHLORO-2-OCTYL-2H-ISOTHIAZOL-3-ONE (DCOIT) May produce an allergic reaction.

Special provisions according to Annex XVII of UK REACH:

None.

2.3. Other hazards

No PBT or vPvB substances present in concentration $\geq 0.1\%$

Other Hazards: The product hydrolyses to form acetic acid (CAS No 64-19-7). Acetic acid is classified in relation to both physical hazards and health hazards. The rate of hydrolysis and therefore also the relevance for the hazard of the product are strongly dependent on the specific conditions. Acetic acid is formed whenever moisture comes into contact with, or penetrates, the silicone matrix to reach the evenly distributed acetoxysilanes. Although the surface reaction occurs immediately during application, most of the acetic acid is released during the curing phase. This depends on the ratio between the application surface and the mass. Contains biocidal product: DCOIT; The product is identified as an article treated pursuant to art. 58 of Regulation (EU) no. 528/2012 and subsequent amendments. Possible skin exposure must be avoided. Protective gloves and work clothes are required. Avoid releasing product into the environment. When washing work equipment, water must not be dispersed in the soil or on surface water

No other hazards

SECTION 3: Composition/information on ingredients

Date 27/05/2026 Production Name SILICONE COLOR

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3.1. Substances

N.A.

3.2. Mixtures

Mixture identification: SILICONE COLOR

Hazardous components within the meaning of GB CLP regulation and related classification:

Qty	Name	Ident. Numb.	Classification	Registration Number
≥5-<10 %	HYDROCARBONS, C13-C23, N-ALKANES, ISOALKANES, CYCLICS, < 0.03% AROMATICS	EC:932-078-5	Asp. Tox. 1, H304	
≥1-<3 %	TRIACETOXYETHYLSILIANE	CAS:17689-77-9 EC:241-677-4	Acute Tox. 4, H302; Skin Corr. 1B, H314; Eye Dam. 1, H318, EUH014	
<0.05 %	4,5-DICHLORO-2-OCTYL-2H-ISOTHIAZOL-3-ONE (DCOIT)	CAS:64359-81-5 EC:264-843-8 Index:613-335-00-8	Acute Tox. 1, H330; Acute Tox. 4, H302; Skin Corr. 1, H314; Eye Dam. 1, H318; Skin Sens. 1A, H317; Aquatic Acute 1, H400; Aquatic Chronic 1, H410, M-Chronic:100, M-Acute:100, EUH071	

SECTION 4: First aid measures

4.1. Description of first aid measures

In case of skin contact:

Wash with plenty of water and soap.

In case of eyes contact:

Wash immediately with water.

In case of Ingestion:

Do not induce vomiting, get medical attention showing the SDS and label hazardous.

In case of Inhalation:

Remove casualty to fresh air and keep warm and at rest.

4.2. Most important symptoms and effects, both acute and delayed

N.A.

4.3. Indication of any immediate medical attention and special treatment needed

N.A.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:

Water.

Carbon dioxide (CO₂).

Extinguishing media which must not be used for safety reasons:

None in particular.

5.2. Special hazards arising from the substance or mixture

Do not inhale explosion and combustion gases.

Burning produces heavy smoke.

5.3. Advice for firefighters

Use suitable breathing apparatus .

Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

Move undamaged containers from immediate hazard area if it can be done safely.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non emergency personnel:

Wear personal protection equipment.

Remove persons to safety.

See protective measures under point 7 and 8.

For emergency responders:

Wear personal protection equipment.

6.2. Environmental precautions

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.

Retain contaminated washing water and dispose it.

In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

Suitable material for taking up: absorbing material, organic, sand

6.3. Methods and material for containment and cleaning up

Suitable material for taking up: absorbing material, organic, sand

Wash with plenty of water.

6.4. Reference to other sections

See also section 8 and 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid contact with skin and eyes, inhalation of vapours and mists.

See also section 8 for recommended protective equipment.

Advice on general occupational hygiene:

Do not eat or drink while working.

7.2. Conditions for safe storage, including any incompatibilities

Incompatible materials:

None in particular.

Instructions as regards storage premises:

Adequately ventilated premises.

7.3. Specific end use(s)

Recommendation(s)

None in particular

Industrial sector specific solutions:

None in particular

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Predicted No Effect Concentration (PNEC) values

TRIACETOXYETHYLSILIAN Exposure Route: Fresh Water; PNEC Limit: 111 µg/l

E

CAS: 17689-77-9

Exposure Route: Intermittent releases (fresh water); PNEC Limit: 1.7 mg/l

Exposure Route: Marine water; PNEC Limit: 11.15 µg/l

Exposure Route: Microorganisms in sewage treatments; PNEC Limit: 5.82 mg/l

Exposure Route: Freshwater sediments; PNEC Limit: 381 µg/kg

Exposure Route: Marine water sediments; PNEC Limit: 38.1 µg/kg

Exposure Route: Soil; PNEC Limit: 18.71 µg/kg

Derived No Effect Level (DNEL) values

TRIACETOXYETHYLSILIAN Exposure Route: Human Inhalation; Exposure Frequency: Long Term, systemic effects

E

Worker Professional: 80.33 mg/m³; Consumer: 19.81 mg/m³

CAS: 17689-77-9

Exposure Route: Human Inhalation; Exposure Frequency: Long Term, local effects

Worker Professional: 32.5 mg/m³; Consumer: 6.5 mg/m³

Exposure Route: Human Inhalation; Exposure Frequency: Short Term, local effects

Worker Professional: 32.5 mg/m³

Exposure Route: Human Dermal; Exposure Frequency: Long Term, systemic effects

Worker Professional: 11.39 mg/kg; Consumer: 5.7 mg/kg

Exposure Route: Human Oral; Exposure Frequency: Long Term, systemic effects

Consumer: 5.7 mg/kg

8.2. Exposure controls

Eye protection:

Not needed for normal use. Anyway, operate according good working practices.

Protection for skin:

No special precaution must be adopted for normal use.

Protection for hands:

Not needed for normal use.

Respiratory protection:

N.A.

Thermal Hazards:

N.A.

Environmental exposure controls:

N.A.

Hygienic and Technical measures

N.A.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical State: Liquid

Appearance and colour: Viscous In compliance with the product description

Odour: Pungent

Odour threshold: N.A.

pH: N.A. Notes: N/A

Melting point / freezing point: N.A.

Initial boiling point and boiling range: N.A.

Flash point: 400 °C (752 °F)

Evaporation rate: N.A.

Upper/lower flammability or explosive limits: N.A.

Vapour density: N.A.

Vapour pressure: N.A.

Relative density: 1.04 g/cm³

Solubility in water: N.A.

Solubility in oil: N.A.

Partition coefficient (n-octanol/water): N.A.

Auto-ignition temperature: N.A.

Decomposition temperature: N.A.

Viscosity: N.A.

Explosive properties: N.A.

Oxidizing properties: N.A.

Solid/gas flammability: N.A.

Volatile Organic compounds - VOCs = 2.9 % ; 30.16 g/l

9.2. Other information

Substance Groups relevant properties N.A.

Miscibility: N.A.

Conductivity: N.A.

SECTION 10: Stability and reactivity

10.1. Reactivity

Stable under normal conditions

10.2. Chemical stability

Data not available.

10.3. Possibility of hazardous reactions

None.

10.4. Conditions to avoid

Stable under normal conditions.

10.5. Incompatible materials

None in particular.

10.6. Hazardous decomposition products

None.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological Information of the Preparation

a) acute toxicity

Not classified

Based on available data, the classification criteria are not met

LD50 Oral Rat > 2000 mg/kg - Based on available data, the classification criteria are not met

LD50 Skin Rabbit > 2000 mg/kg - Based on available data, the classification criteria are not met

b) skin corrosion/irritation

Not classified

	Based on available data, the classification criteria are not met
	Skin Irritant Rabbit Negative - Based on available data, the classification criteria are not met
c) serious eye damage/irritation	Not classified
	Based on available data, the classification criteria are not met
	Eye Irritant Rabbit No - Based on available data, the classification criteria are not met
d) respiratory or skin sensitisation	Not classified
	Based on available data, the classification criteria are not met
	Skin Sensitization Guineapig Negative - Based on available data, the classification criteria are not met
e) germ cell mutagenicity	Not classified
	Based on available data, the classification criteria are not met
f) carcinogenicity	Not classified
	Based on available data, the classification criteria are not met
g) reproductive toxicity	Not classified
	Based on available data, the classification criteria are not met
h) STOT-single exposure	Not classified
	Based on available data, the classification criteria are not met
i) STOT-repeated exposure	Not classified
	Based on available data, the classification criteria are not met
j) aspiration hazard	Not classified
	Based on available data, the classification criteria are not met

Toxicological information on main components of the mixture:

TRIACETOXYETHYLSILIAN E	a) acute toxicity	LD50 Oral Rat = 1460 mg/kg
	b) skin corrosion/irritation	Skin Corrosive Rabbit Positive
	c) serious eye damage/irritation	Eye Irritant Rabbit No 24h
	d) respiratory or skin sensitisation	Skin Sensitization Guineapig Negative
	f) carcinogenicity	Genotoxicity Negative
	g) reproductive toxicity	No Observed Adverse Effect Level >= 3048.62 mg/kg
4,5-DICHLORO-2-OCTYL-2H-ISOTHIAZOL-3-ONE (DCOIT)	a) acute toxicity	ATE - Oral : 576 mg/kg bw
		ATE - Inhalation (Dust/mist) : 0.16 mg/l

SECTION 12: Ecological information

12.1. Toxicity

Adopt good working practices, so that the product is not released into the environment.

Eco-Toxicological Information:

List of Eco-Toxicological properties of the product

Not classified for environmental hazards.

Based on available data, the classification criteria are not met

- a) Aquatic acute toxicity : LC50 Fish *Oncorhynchus mykiss* < 100 mg/L 96h - Expert judgement
- a) Aquatic acute toxicity : EC50 Fish *Crassostrea virginica* < 10 mg/L 48h - Expert judgement
- a) Aquatic acute toxicity : EC50 Algae *Navicula pelliculosa* < 10 mg/L 24h - Expert judgement
- a) Aquatic acute toxicity : NOEC Algae *Navicula pelliculosa* > 1 mg/L 24h - Expert judgement
- a) Aquatic acute toxicity : NOEC Fish *Oncorhynchus mykiss* > 1 mg/L - Expert judgement
- a) Aquatic acute toxicity : NOEC *Daphnia magna* > 1 mg/L - Expert judgement

List of Eco-Toxicological properties of the components

Component	Ident. Numb.	Ecotox Data
TRIACETOXYETHYLSILIANE	CAS: 17689-77-9 - EINECS: 241-677-4	a) Aquatic acute toxicity : LC50 Fish Danio rerio = 251 mg/L 96h b) Aquatic chronic toxicity : EC50 Daphnia Daphnia magna = 169 mg/L 48h b) Aquatic chronic toxicity : NOEC Daphnia Daphnia magna > 100 mg/L - 21days a) Aquatic acute toxicity : LC50 Algae Scenedesmus subspicatus = 76 mg/L 72h a) Aquatic acute toxicity : EC50 Sludge activated sludge > 100 mg/L 3h OECD 209 d) Terrestrial toxicity : LC50 Worm Eisenia foetida > 1000 mg/kg - 14days

12.2. Persistence and degradability

N.A.

12.3. Bioaccumulative potential

N.A.

12.4. Mobility in soil

N.A.

12.5. Results of PBT and vPvB assessment

No PBT or vPvB substances present in concentration \geq 0.1%

12.6. Other adverse effects

N.A.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Recover if possible. In so doing, comply with the local and national regulations currently in force. Disposal through discharge into wastewater is not permitted

SECTION 14: Transport information

Not classified as dangerous in the meaning of transport regulations.

14.1. UN number

N.A.

14.2. UN proper shipping name

N.A.

14.3. Transport hazard class(es)

N.A.

14.4. Packing group

N.A.

14.5. Environmental hazards

N.A.

14.6. Special precautions for user

N.A.

Road and Rail (ADR-RID):

N.A.

Air (IATA):

N.A.

Sea (IMDG):

N.A.

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

N.A.

SECTION 15: Regulatory information

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

Workplace exposure limit within the meaning of the Control of Substances Hazardous to Health Regulations 2002 (WEL-EH40)

REACH regulation as changed by the REACH etc. (Amendment etc.) (EU Exit) Regulations (UK REACH)

CLP regulation as changed by the Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use) (Amendment etc.) (EU Exit) Regulations (GB CLP)

GB PIC legislation - (Regulation (EU) No 649/2012 as changed by the Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use) (Amendment etc) (EU Exit) Regulations

Restrictions related to the product or the substances contained according to Annex XVII of UK REACH:

Restrictions related to the product: 3

Restrictions related to the substances contained: None.

Additional Regulatory Information for Great Britain

No Additional Information

Provisions related to the Control of Major Accident Hazards Regulations 2015 (GB implementation of Seveso III):

None

GB PIC Legislation:

No substances listed

SVHC Substances:

No SVHC substances present in concentration \geq 0.1%

REGULATION (EU) No 528/2012

Nomenclature IUPAC: 4,5-dichloro-2-octyl-2H-isothiazol-3-one

Nomenclature BPR: DCOIT

CAS number: 64359-81-5

Product-type 7: Film preservatives

Assessment status: Initial application for approval in progress.

Product-type 8: Film preservatives

Assessment status: Approved

Commission Implementing Regulation (EU) 2011/66

UK regulations implementing Dir. 2010/75/EC (VOC directive)

Volatile Organic compounds - VOCs = 0.00 %

Volatile Organic compounds - VOCs = 0.00 g/L

15.2. Chemical safety assessment

No Chemical Safety Assessment has been carried out for the mixture.

SECTION 16: Other information

Code	Description
EUH014	Reacts violently with water.
EUH071	Corrosive to the respiratory tract.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H314	Causes severe skin burns and eye damage.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H330	Fatal if inhaled.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

Code	Hazard class and hazard category	Description
3.1/1/Inhal	Acute Tox. 1	Acute toxicity (inhalation), Category 1
3.1/4/Oral	Acute Tox. 4	Acute toxicity (oral), Category 4
3.10/1	Asp. Tox. 1	Aspiration hazard, Category 1
3.2/1	Skin Corr. 1	Skin corrosion, Category 1
3.2/1B	Skin Corr. 1B	Skin corrosion, Category 1B
3.3/1	Eye Dam. 1	Serious eye damage, Category 1
3.4.2/1A	Skin Sens. 1A	Skin Sensitisation, Category 1A
4.1/A1	Aquatic Acute 1	Acute aquatic hazard, category 1
4.1/C1	Aquatic Chronic 1	Chronic (long term) aquatic hazard, category 1

This document was prepared by a competent person who has received appropriate training.

Main bibliographic sources:

ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre, Commission of the European Communities

SAX's DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS - Eight Edition - Van Nostrand Reinold

The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and

constitutes no guarantee of particular quality.

It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended.

This MSDS cancels and replaces any preceding release.

Legend to abbreviations and acronyms used in the safety data sheet:

ACGIH: American Conference of Governmental Industrial Hygienists
ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.
AND: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ATE: Acute Toxicity Estimate
ATEmix: Acute toxicity Estimate (Mixtures)
BCF: Biological Concentration Factor
BEI: Biological Exposure Index
BOD: Biochemical Oxygen Demand
CAS: Chemical Abstracts Service (division of the American Chemical Society).
CAV: Poison Center
CE: European Community
CLP: Classification, Labeling, Packaging.
CMR: Carcinogenic, Mutagenic and Reprotoxic
COD: Chemical Oxygen Demand
COV: Volatile Organic Compound
CSA: Chemical Safety Assessment
CSR: Chemical Safety Report
DMEL: Derived Minimal Effect Level
DNEL: Derived No Effect Level.
DPD: Dangerous Preparations Directive
DSD: Dangerous Substances Directive
EC50: Half Maximal Effective Concentration
ECHA: European Chemicals Agency
EINECS: European Inventory of Existing Commercial Chemical Substances.
ES: Exposure Scenario
GHS: Globally Harmonized System of Classification and Labeling of Chemicals.
IARC: International Agency for Research on Cancer
IATA: International Air Transport Association.
IATA-DGR: Dangerous Goods Regulation by the "International Air Transport Association" (IATA).
IC50: half maximal inhibitory concentration
ICAO: International Civil Aviation Organization.
ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO).
IMDG: International Maritime Code for Dangerous Goods.
INCI: International Nomenclature of Cosmetic Ingredients.
IRCCS: Scientific Institute for Research, Hospitalization and Health Care
KAFH: Keep Away From Heat
KSt: Explosion coefficient.
LC50: Lethal concentration, for 50 percent of test population.
LD50: Lethal dose, for 50 percent of test population.
LDLo: Leathal Dose Low
N.A.: Not Applicable
N/A: Not Applicable
N/D: Not defined/ Not available
NA: Not available
NIOSH: National Institute for Occupational Safety and Health
NOAEL: No Observed Adverse Effect Level
OSHA: Occupational Safety and Health Administration
PBT: Persistent, Bioaccumulative and Toxic
PGK: Packaging Instruction
PNEC: Predicted No Effect Concentration.
PSG: Passengers
RID: Regulation Concerning the International Transport of Dangerous Goods by Rail.
STEL: Short Term Exposure limit.
STOT: Specific Target Organ Toxicity.
TLV: Threshold Limiting Value.
TWATLV: Threshold Limit Value for the Time Weighted Average 8 hour day. (ACGIH Standard).
vPvB: Very Persistent, Very Bioaccumulative.