SAFETY DATA SHEET

In accordance with 1907/2006 annex II and 1272/2008
(All references to EU regulations and directives are abbreviated into only the numeric term)
Amendment date 2025-01-16
Replaces SDS issued 2021-12-21
Revision date 2021-12-21
Version number 5.1

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

1.1. Product identifier

Trade name	Ceramic Light

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

Identified uses	Paint or varnish

1.3. Details of the supplier of the safety data sheet

Company	Ditec International AB Dragrännan 2 746 50 Bålsta Sweden
Telephone	+46 10 344 74 50
E-mail	info@ditecinternational.com

1.4. Emergency telephone number

Phone number for emergencies: 999 or 112. The numbers are available 24/7.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Skin Irrit. 2, H315
Eye Irrit. 2, H319
(See section 16)

2.2. Label elements

Hazard pictogram

Signal word	Warning
Hazard statements	
H315	Causes skin irritation
H319	Causes serious eye irritation
Precautionary statements	
P102	Keep out of reach of children
P264	Wash hands thoroughly after handling
P280	Wear protective gloves and eye protection
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P337+P313	If eye irritation persists: Get medical advice/attention

2.3. Other hazards

This product does not contain any substances that are assessed to be a PBT or a vPvB

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Note that the table shows known hazards of the ingredients in pure form. These hazards are reduced or eliminated when mixed or diluted, see Section 16d.

Constituent	Classification	Concentration
SILANE		
	Flam. Liq. 3, Skin Irrit. 2, Eye Irrit. 2; H226, H315, H319	30 - 50 %
METHANOL		
CAS No: 67-56-1 EC No: 200-659-6 Index No: 603-001-00-X REACH: 01-2119433307-44	Flam. Liq. 2, Acute Tox. 3, Acute Tox. 3, Acute Tox. 3, STOT SE 1; H225, H311, H301, H331, H370 *Specific concentration limits and acute toxicity estimates (ATE):* *STOT SE 1, H370: C ≥ 10 %* *STOT SE 2, H371: 3 ≤ C < 10 %*	<3 %

Explanations to the classification and labelling of the ingredients are given in Section 16e. Official abbreviations are printed in normal font. Text in italics are specifications and/or complements used in the calculation of the classification of this mixture, see Section 16b.

SECTION 4: First aid measures

4.1. Description of first aid measures

Generally

In case of concern, or if symptoms occur, call a doctor/physician.

Upon breathing in

Fresh air and rest. If symptoms persist seek medical advice.

Upon eye contact

Remove contact lenses immediately if possible.
Rinse the eye for several minutes with lukewarm water. If irritation persists call a doctor.

Upon skin contact

Remove contaminated clothing.
Wash the skin with soap and water.
If symptoms occur, contact a physician.

Upon ingestion

Rinse nose, mouth and throat with water.
Get medical attention if you feel unwell.

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

Upon eye contact

Irritation.

Upon skin contact

Irritation.

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

Symptomatic treatment.
Upon contact with a doctor, make sure to have the label or this safety data sheet with you.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Recommended extinguishing agents

Extinguish with water mist, powder, carbon dioxide or alcoholresistant foam.

Unsuitable extinguishing agents

May not be extinguished with water dispersed under high pressure.

5.2. Special hazards arising from the substance or mixture

Gases detrimental to health can be spread in case of fire.

5.3. Advice for firefighters

Protective measures to be taken with regard to other materials at the scene of the fire.
In case of fire use proper breathing apparatus.
Wear full protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Avoid inhalation and exposure to skin and eyes.
Ensure good ventilation.
Use recommended safety equipment, see section 8.
Switch off equipment which has an exposed flame, glows, or has a heat source of some other kind.

6.2. Environmental precautions

Avoid release to drains, soil or watercourses.
Please contact involved authorities if unintended release occurs.

6.3. Methods and material for containment and cleaning up

Absorb the liquid with an inert absorbent, vermiculite, for example. Collect the material for disposal at a waste disposal facility.

6.4. Reference to other sections

See also section 7 and 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid spillage, inhalation and contact with eyes and skin.
Do not eat, drink or smoke in premises where this product is handled.
Wash your hands after using the product.
Remove contaminated clothing.
Wash contaminated clothing before reuse.
Store this product separately from food items and keep it out of the reach of children and pets.
Avoid open fire, hot items, sparks or other ignition sources.

7.2. Conditions for safe storage, including any incompatibilities

The product should be stored in a manner which prevents hazards to health and the environment. Avoid exposure to humans and animals and do not discharge the product in a sensitive environment.
This product should be stored well out of reach of young children and kept safely apart from products intended for consumption.
Always use sealed and visibly labeled packages.
Store in a ventilated space.
Store in dry and cool area.

7.3. Specific end use(s)

See identified uses in Section 1.2.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters
8.1.1. National limit values
METHANOL
United Kingdom (EH40/2005)

Time-weighted-average exposure limit (TWA) 200 ppm / 266 mg/m^3
Short term exposure limit (STEL) 250 ppm / 333 mg/m^3
Note Sk

Explanations of abbreviations are given in Section 16b

DNEL
METHANOL

	Type of exposure	Route of exposure	Value
Worker	Acute Local	Inhalation	260 mg/m^3
Consumer	Chronic Systemic	Inhalation	50 mg/m^3
Worker	Chronic Systemic	Dermal	40 mg/kg bw
Worker	Acute Systemic	Inhalation	260 mg/m^3
Worker	Acute Systemic	Dermal	40 mg/kg bw
Worker	Chronic Local	Inhalation	260 mg/m^3
Worker	Chronic Systemic	Inhalation	260 mg/m^3
Consumer	Acute Local	Inhalation	50 mg/m^3
Consumer	Acute Systemic	Oral	8 mg/kg bw
Consumer	Acute Systemic	Inhalation	50 mg/m^3
Consumer	Acute Systemic	Dermal	8 mg/kg bw
Consumer	Chronic Local	Inhalation	50 mg/m^3
Consumer	Chronic Systemic	Oral	8 mg/kg bw
Consumer	Chronic Systemic	Dermal	8 mg/kg bw

PNEC
METHANOL

Environmental protection target	PNEC value
Fresh water	20.8 mg/L
Freshwater sediments	77 mg/kg dw
Marine water	2.08 mg/L
Marine sediments	7.7 mg/kg dw
Microorganisms in sewage treatment	100 mg/L
Soil (agricultural)	100 mg/kg dw
Intermittent	1540 mg/L

8.2. Exposure controls

Not indicated.

8.2.1. Appropriate engineering controls

Handle in premises which have modern ventilation standards.

Eye/face protection

Use protective glasses with tight seals according to standard EN166.

Skin protection

It is recommended to use protective gloves.

Respiratory protection

Use appropriate respiratory protective equipment in case of insufficient ventilation.

8.2.3. Environmental exposure controls

Work with the product should take place in such a way that the product does not get into drains, waterways, soil and air.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

(a) Physical state	liquid Form: liquid
(b) Colour	Transparent
(c) Odour	weak smell
(d) Melting point/freezing point	Not indicated
(e) Boiling point or initial boiling point and boiling range	Not indicated
(f) Flammability	Not indicated
(g) Lower and upper explosion limit	Not indicated
(h) Flash point	110 °C
(i) Auto-ignition temperature	Not indicated
(j) Decomposition temperature	Not indicated
(k) pH	When supplied, pH is: 6.5
(l) Kinematic viscosity	Not indicated
(m) Solubility	Solubility in water: Insoluble
(n) Partition coefficient n-octanol/water (log value)	Not indicated
(o) Vapour pressure	Not indicated
(p) Density and/or relative density	Not indicated
(q) Relative vapour density	Not indicated
(r) Particle characteristics	Not indicated

9.2. Other information

9.2.1. Information with regard to physical hazard classes

Not indicated

9.2.2. Other safety characteristics

Not indicated

SECTION 10: Stability and reactivity

10.1. Reactivity

The product contains no substances which can lead to hazardous reactions at normal use.

10.2. Chemical stability

The product is stable at normal storage and handling conditions.

10.3. Possibility of hazardous reactions

No hazardous reactions known during normal use.

10.4. Conditions to avoid

Avoid heat, sparks and open flames.

10.5. Incompatible materials

None known.

10.6. Hazardous decomposition products

None under normal conditions.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Information on possible health hazards are based on experience and / or toxicological properties of several components in the product.

Acute toxicity

The criteria for classification cannot be considered fulfilled based on available data.

METHANOL

LD50 rabbit 24h: 15800 mg/kg Dermally
LC50 rat 4h: 64000 ppm Inhalation
LD50 rat 24h: 2528 mg/kg Orally

Skin corrosion/irritation

May cause skin irrition.

Serious eye damage/irritation

Eye contact may cause burning pain or irritation.

Respiratory or skin sensitisation

The product is not classified as sensitising.

Germ cell mutagenicity

The product is not classified as mutagen.

Carcinogenicity

The product is not classified as carcinogenic.

Reproductive toxicity

The product is not classified as a reproductive toxicant.

STOT-single exposure

The criteria for classification cannot be considered fulfilled based on available data.

STOT-repeated exposure

The product is not classified for specific organ toxicity after repeated exposure.

Aspiration hazard

The product is not classified as being toxic for aspiration.

11.2. Information on other hazards

11.2.1. Endocrine disrupting properties

Not indicated.

11.2.2. Other information

Not indicated.

SECTION 12: Ecological information

12.1. Toxicity

The product is not to be labelled as a environmental hazard. However, it is not inconceivable that large emissions, or repeated small emissions, can have a harmful effect on the environment.
Avoid larger spills in soil, water and drains.

METHANOL

LC50 Bluegill (Lepomis macrochirus) 96h: 11850 mg/l
EC50 Freshwater water flea (Daphnia magna) 48 h: 10000 mg/l
EC50 Algae (Selenastrum capricornutum) 72h: 22000 mg/l

12.2. Persistence and degradability

There is no information regarding persistence or degradability.

12.3. Bioaccumulative potential

There is no information regarding bioaccumulation.

12.4. Mobility in soil

Information about mobility in nature is not available.

12.5. Results of PBT and vPvB assessment

This product does not contain any substances that are assessed to be a PBT or a vPvB.

12.6. Endocrine disrupting properties

Not indicated.

12.7. Other adverse effects

No known effects or hazards.

SECTION 13: Disposal considerations

13.1. Waste treatment methods
Waste handling of the product

Discarded products must be disposed of as hazardous waste in accordance with regulations.
Not completely emptied packaging can contain remnants of dangerous substances and should therefore be handled as hazardous waste according to the above. Completely emptied packaging can be recycled.
Avoid discharge into sewers.
Observe local regulations.
See directive 2008/98/EC on waste. Observe national or regional provisions on waste management.

SECTION 14: Transport information

Where not otherwise stated the information applies to all of the UN Model Regulations, i.e. ADR (road), RID (railway), ADN (inland waterways), IMDG (sea), and ICAO (IATA) (air).

14.1. UN number or ID number

Not classified as dangerous goods

14.2. UN proper shipping name

Not applicable

14.3. Transport hazard class(es)

Not applicable

14.4. Packing group

Not applicable

14.5. Environmental hazards

Not applicable

14.6. Special precautions for user

Not applicable

14.7. Maritime transport in bulk according to IMO instruments

Not applicable

14.8 Other transport information

Not applicable

SECTION 15: Regulatory information

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

Not indicated.

15.2. Chemical safety assessment

Assessment and chemical safety report in accordance with 1907/2006 Annex I has not yet been performed.

SECTION 16: Other information

16a. Indication of where changes have been made to the previous version of the safety data sheet
Revisions of this document

Earlier versions
2021-12-21 Changes in section(s) 1.

16b. Legend to abbreviations and acronyms used in the safety data sheet
Full texts for Hazard Class and Category Code mentioned in section 3

Flam. Liq. 3	Flammable liquids, Hazard Category 3 - Flam. Liq. 3, H226 - Flammable liquid and vapour
Skin Irrit. 2	Skin corrosion/irritation, Hazard Category 2 - Skin Irrit. 2, H315 - Causes skin irritation
Eye Irrit. 2	Serious eye damage/eye irritation, Hazard Category 2 - Eye Irrit. 2, H319 - Causes serious eye irritation
Flam. Liq. 2	Flammable liquids, Hazard Category 2 - Flam. Liq. 2, H225 - Highly flammable liquid and vapour
Acute Tox. 3	Acute toxicity (dermal), Hazard Category 3 - Acute Tox. 3, H311 - Toxic in contact with skin
Acute Tox. 3	Acute toxicity (oral), Hazard Category 3 - Acute Tox. 3, H301 - Toxic if swallowed

Acute Tox. 3 Acute toxicity (inhal.), Hazard Category 3 - Acute Tox. 3, H331 - Toxic if inhaled
STOT SE 1 Specific target organ toxicity — single exposure, Hazard Category 1 - STOT SE 1, H370 - Causes damage to organs <>

Explanations of the abbreviations in Section 8
United Kingdom

Sk Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity

Explanations of the abbreviations in Section 14

ADR European Agreement concerning the International Transport of Dangerous Goods by Road
RID Regulations concerning the International Transport of Dangerous Goods by Rail
IMDG International Maritime Dangerous Goods Code
ICAO International Civil Aviation Organization (ICAO, 999 University Street, Montreal, Quebec H3C 5H7, Canada)
IATA The International Air Transport Association

16c. Key literature references and sources for data
Sources for data

Primary data for the calculation of the hazards has preferentially been taken from the official European classification list, 1272/2008 Annex I , as updated to 2025-01-16.
Where such data was not available, alternative documentation used to establish the official classification was used, e.g. IUCLID (International Uniform Chemical Information Database). As a second alternative, information was used from reputable international chemical industries, and as a third alternative other available information was used, e.g. material safety data sheets from other suppliers or information from non-profit associations, where reliability of the source was assessed by expert opinion. If, in spite of this, reliable information could not be sourced, the hazards were assessed by expert opinions based on the known hazards of similar substances, and according to the principles in 1907/2006 and 1272/2008.

Full texts for Regulations mentioned in this Safety Data Sheet

1907/2006 REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC
1272/2008 REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006
2008/98/EC DIRECTIVE 2008/98/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 19 November 2008 on waste and repealing certain Directives

16d. Methods of evaluating information referred to in 1272/2008 Article 9 which was used for the purpose of classification

Hazard calculation for this mixture has been performed as a cumulative assessment with the aid of expert assessments in accordance with 1272/2008 Annex I , where all available information which may be significant to establishing the hazards of the mixture was assessed together, and in accordance with 1907/2006 Annex XI .

16e. List of relevant hazard statements and/or precautionary statements
Full texts for hazard statements mentioned in section 3

H226 Flammable liquid and vapour
H315 Causes skin irritation
H319 Causes serious eye irritation
H225 Highly flammable liquid and vapour
H311 Toxic in contact with skin
H301 Toxic if swallowed
H331 Toxic if inhaled
H370 Causes damage to organs <>

16f. Advice on any training appropriate for workers to ensure protection of human health and the environment
Warning for misuse

This product can cause harm if used improperly. The manufacturer, the distributor or the supplier are not responsible for adverse effects if the product is not handled in accordance with its intended use.

Other relevant information

Not indicated

Editorial information

This material safety data sheet has been prepared and checked by KemRisk®, KemRisk Sweden AB, Platensgatan 8, SE-582 20 Linköping, Sweden, www.kemrisk.se