

RCT COLOR Liquid Colors

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

1.1. Product identifier

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

Use of the substance/mixture

Concrete color for industrial and commercial consumers

1.3. Details of the supplier providing the safety data sheet

Company name: Reisacher Chemie & Technik GmbH
Street: Hermann-Krum-Str. 7
Place: 88319 Aitrach (Germany)
Phone: +49 7565 942687 - 0 Telefax: +49 7565 942687 - 90
E-Mail: info@rct-germany.de
Contact person: Dr. Rockermaier
E-Mail: m.rockermaier@rct-germany.de
Homepage: www.rct-germany.de
Informing department: Laboratory

1.4. Emergency phone number:

+49 7565 942687 - 0

The emergency number is only available on weekdays (Mon-Fri) from 8:30 to 16:00 (CET).

SECTION 2: Possible hazards

2.1. Classification of the substance or mixture

Classification according to Directive 67/548/EEC or 1999/45/EC

not applicable

Classification according to Regulation (EC) No 1272/2008 [CLP]

The product is not classified according to CLP regulation.

2.2. Label elements:

Signal word: not applicable

Pictograms: not applicable

Hazard statements:

EUH208 Contains mixture of: 5-chloro-2-methyl-2H-isothiazol-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one[EC no. 220-239-6] (3:1).

May cause allergic reactions.

EUH210 Safety data sheet available on request.

Safety advice

not applicable

Special labelling of certain mixtures

not applicable

2.3. Other hazards

Do not allow to enter drains, water courses or soil.

The product is not subject to classification according to the calculation procedure of the "General Classification guideline for preparations of the EC" in the latest valid version.

SECTION 3: Composition/Information on ingredients

3.1. Substances

not applicable

3.2. Mixtures

Chemical characterization

Aqueous mixture of pigments.

Hazardous ingredients

not applicable

Wording of R-, H- and EUH-phrases: see section 16.

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SECTION 4: First aid measures

4.1. Description of first aid measures

General advice

For any first aid measure: always observe self-protection of the first aider (e.g. wear protective gloves).

After inhalation

Supply fresh air, consult a doctor in case of complaints.

After contact with skin

Wash off immediately with water.

In general, the product is not irritating to skin.

After contact with eyes

Rinse opened eye for several minutes with running water.

After ingestion

Consult a physician if symptoms persist.

Notes to Physician:

Most important symptoms and effects, both acute and delayed.

No further relevant information available.

Indication of any immediate medical attention and special treatment needed.

No further relevant information available.

SECTION 5: Fire fighting measures

5.1. Extinguishing media

Suitable extinguishing media

CO₂, extinguishing powder or water spray. Fight larger fire with water spray or alcohol-resistant foam.

Unsuitable extinguishing media

5.2. Special hazards arising from the substance or mixture

No further relevant information available.

5.3. Advice for fire fighting

Special protective equipment:

No special measures required.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Special slip hazard due to leaked/spilled product.

Wear personal protective clothing.

6.2. Environmental precautions

Do not allow to enter drains/surface waters/groundwater.

6.3. Methods and material for containment and cleaning up

Absorb with liquid-binding material (sand, diatomaceous earth, acid binders, universal binders, sawdust).

6.4. Reference to other sections

Safe handling: see section 7

Personal protective equipment: see section 8

Disposal: see section 13

SECTION 7: Handling and storage

7.1. Protective measures for safe handling

Precautions for safe handling

Protect from heat and direct sunlight.

Store in a cool, dry place in tightly closed containers.

Fire and explosion protection precautions

No special measures required.

7.2. Conditions for safe storage taking into account incompatibilities

Requirements for storage rooms and containers

No special requirements.

Information on storage in one common storage facility

Please observe the VCI concept for the storage of chemicals together.

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Further information on storage conditions

Protect from frost.
Store in a cool, dry place in tightly closed containers.
Storage class: VCI Storage class: 12 (Non-flammable liquids)

7.3. Specific end use

No further relevant information available.

SECTION 8: Exposure controls/personal protective equipment

Additional advice on the design of technical equipment

Provide washing facilities in the work area.

8.1. Parameters to be monitored

Occupational exposure limits

The product does not contain relevant quantities of substances with occupational exposure limits requiring monitoring.

Additional information:

The lists valid at the time of preparation were used as a basis.

8.2. Exposure controls and monitoring



Suitable technical control equipment

Protective and hygienic measures

The usual precautionary measures when handling chemicals must be observed.

Eye/face protection

Safety glasses.

Hand protection

The glove material must be impermeable and resistant to the product / substance / preparation.

Due to the lack of tests, no recommendation can be made on the glove material for the product / preparation / chemical mixture.

Selection of the glove material considering the breakthrough times, permeation rates and degradation.

Glove material:

The selection of a suitable glove depends not only on the material, but also on other quality characteristics and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of glove materials cannot be calculated in advance and must therefore be checked before use.

Penetration time of the glove material

The exact penetration time must be obtained from the protective glove manufacturer and must be observed.

Body protection

Protective work clothing

Respiratory protection

Not required.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:		liquid
Color:		according to product name
Odor:		characteristic
pH value	at 20°C:	7,0 – 10,0
Melting point/Melting range:		not determined
Boiling point/Boiling range:	(1013 hPa)	100°C
Flash point:		not applicable
Flammability		not applicable
Decomposition temperature		not determined
Explosion hazard:		not determined

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Explosion limits:		
Lower:		not determined
Upper:		not determined
Vapor pressure:		not determined
Density:	(20°C)	1 – 2.2 g/cm ³
Solubility in / Miscibility with water:		not determined
Viscosity:		
Dynamic:	(20°C)	30.00 – 1000.00 mPa.s

SECTION 10: Stability and reactivity

10.1. Reactivity

10.2. Chemical stability

Thermal decomposition / conditions to be avoided

No decomposition when used as directed.

10.3. Possibility of hazardous reactions

No dangerous reactions known.

10.4. Conditions to avoid

No further relevant information available.

10.5. Incompatible materials

No further relevant information available.

10.6. Hazardous decomposition products

Carbon monoxide and carbon dioxide.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Akute toxicity

LD/LC50 values relevant for classification:

No data available.

Primary irritant effect:

No irritant effect known.

On the skin:

No irritant effect

On the eye:

No irritant effect

Sensitization:

No sensitizing effect known

Additional toxicological information:

The product is not subject to labeling due to the calculation procedure of the General Classification guideline for preparations of the EC in the latest valid version.

SECTION 12: Environmental information

12.1. Toxicity

No further relevant information available.

12.2. Persistence and degradability

No further relevant information available.

12.3. Bioaccumulative potential

No further relevant information available.

12.4. Mobility in soil

No further relevant information available.

12.5. Results of PBT and vPvB assessment

Not applicable.

12.6. Other adverse effects

No further relevant information available.

Further information

Do not allow undiluted product or large quantities of it to reach ground water, bodies of water or sewage system.

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SECTION 13: Disposal considerations

13.1. Waste treatment procedures

Recommendation

Dispose of in accordance with official regulations.

Waste code product

Waste code uncleaned packaging

Disposal according to official regulations.

Recommended cleaning agent:

Water, if necessary with the addition of cleaning agents.

SECTION 14: Transport information

Land transport (ADR/RID)

UN-number	not applicable
UN proper shipping name:	not applicable
Transport hazard class:	not applicable
Packing group:	not applicable

Inland waterway transport (ADN)

Marine transport (IMDG)

Air transport (ICAO)

Not a hazardous material according to above regulations.

Environmental hazards:

Not applicable.

Bulk transport according to Annex II of MARPOL 73/78 and according to IBC-Code

Not applicable.

Transport/Additional information:

Not applicable.

SECTION 15: Legislation

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

EU regulations

National regulations

Classification according to VbF	-
Water hazard class (self-classification)	1 - slightly hazardous to water

15.2. Chemical safety assessment

A chemical safety assessment has not been carried out.

SECTION 16: Other information

Abbreviations and acronyms

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
GHS: Globally Harmonised System of Classification and Labelling of Chemicals
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
VCI: Association of the Chemical Industry, Germany
CAS: Chemical Abstracts Service (division of the American Chemical Society)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent

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Wording of R-phrases (number and full text)

Wording of H and EUH phrases (number and full text)

Further information

The information is based on the current state of our knowledge, but does not constitute a warranty of product characteristics and does not establish a contractual legal relationship.