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

1.1 Product identifier

Trade name **Color LA (Silicone resin paint LA)**

**Article number:** 6400-30, 16019-16021

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

**Sector of Use**

SU3 Industrial uses: Uses of substances as such or in preparations at industrial sites
SU21 Consumer uses: Private households / general public / consumers
SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

**Product category** PC9a Coatings and paints, thinners, paint removers

**Process category**

PROC8a Transfer of substance or mixture (charging and discharging) at non-dedicated facilities
PROC8b Transfer of substance or mixture (charging and discharging) at dedicated facilities
PROC10 Roller application or brushing
PROC11 Non industrial spraying

**Environmental release category**

ERC8d Widespread use of non-reactive processing aid (no inclusion into or onto article, outdoor)
ERC8f Widespread use leading to inclusion into/onto article (outdoor)
ERC10a Widespread use of articles with low release (outdoor)

**Application of the substance / the mixture** Coating compound/ Surface coating/ paint

**Uses advised against** No further relevant information available.

1.3 Details of the supplier of the safety data sheet

**Manufacturer/Supplier:**

Remmers GmbH
Postfach 1255
D-49624 Löningen / Germany
Tel.: +49(0)5432/83-0
Fax: +49(0)5432/3985

Remmers (UK) Limited
Unit B1 The Fleming Centre
West Sussex RH10 9NN
Tel.: +44 (0) 1293 594 010
Fax: +44 (0) 1293 594 037

**Information department:**

Product Safety department: Tel.: Steve Dunn Tel.: +44 (0) 1293 594 010
E-Mail: sales@remmers.co.uk

1.4 Emergency telephone number:

during working hours:
U.K.: Tel.: +44 (0) 1293 594 010
sales@remmers.co.uk
Head Office Germany: Tel.: +49 (0)5432 83 187
 info@remmers.de
after working hours: Tel.: +49 (0)171 21 34 091

24h-Transport Emergency Contact Phone Number:
within USA and Canada: 1-800-424-9300
outside USA and Canada: 001-703-527-3887

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

**Classification according to Regulation (EC) No 1272/2008**

Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.

2.2 Label elements

**Labelling according to Regulation (EC) No 1272/2008**

The product is classified and labelled according to the CLP regulation.
Hazard pictograms Void
Signal word Void

Hazard statements
H412 Harmful to aquatic life with long lasting effects.

Precautionary statements
P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P103 Read label before use.
P273 Avoid release to the environment.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Additional information:
EUH208 Contains reaction mass of: 5-chloro-2- methyl-4- isothiazolin-3-one [EC no. 247-500-7] and 2- methyl-2H -isothiazol-3- one [EC no. 220-239-6] (3:1), 1,2-benzisothiazol-3(2H)-one, 2-octyl- 2H-isothiazol-3-one. May produce an allergic reaction.

2.3 Other hazards
Results of PBT and vPvB assessment
PBT: Not applicable.
vPvB: Not applicable.

SECTION 3: Composition/information on ingredients

3.2 Chemical characterisation: Mixtures
Description: Mixture of the substances listed below with harmless additions.

**Dangerous components:**

<table>
<thead>
<tr>
<th>CAS</th>
<th>EINECS</th>
<th>Reg.nr.</th>
<th>Description</th>
<th>Community workplace exposure limit</th>
</tr>
</thead>
<tbody>
<tr>
<td>13463-67-7</td>
<td>236-675-5</td>
<td>01-2119489379-17-XXXX</td>
<td>titanium dioxide</td>
<td>≥10-&lt;20%</td>
</tr>
<tr>
<td>12001-26-2</td>
<td>234-426-5</td>
<td>Mica</td>
<td>substance with a Community workplace exposure limit</td>
<td>≥2.5-&lt;5%</td>
</tr>
<tr>
<td>14808-60-7</td>
<td>238-878-4</td>
<td>01-2120770509-45-XXXX</td>
<td>quartz flour</td>
<td>≥2.5-&lt;5%</td>
</tr>
<tr>
<td>64742-95-6</td>
<td>265-199-0</td>
<td>649-356-00-4</td>
<td>Solvent naphtha (mineral oil), slight aromatic Flam. Liq. 3, H226; Asp. Tox. 1, H304; Aquatic Chronic 2, H411; STOT SE 3, H335-H336</td>
<td>≥1-&lt;2.5%</td>
</tr>
<tr>
<td>886-50-0</td>
<td>212-950-5</td>
<td>terbutryn</td>
<td>Aquatic Acute 1, H400 (M=100); Aquatic Chronic 1, H410 (M=100); Acute Tox. 4, H302; Skin Sens. 1, H317</td>
<td>≥0.0025-&lt;0.025%</td>
</tr>
</tbody>
</table>

Additional information For the wording of the listed hazard phrases refer to section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures
General information No special measures required.
After inhalation No special requirements.
After skin contact If skin irritation continues, consult a doctor.
After eye contact Seek medical treatment.
After swallowing Rinse out mouth and then drink plenty of water.

4.2 Most important symptoms and effects, both acute and delayed
In case of prolonged/repeated exposure or in high concentrations:
Irritating effect on skin and eyes.

4.3 Indication of any immediate medical attention and special treatment needed
No further relevant information available.

SECTION 5: Firefighting measures

5.1 Extinguishing media
Suitable extinguishing agents Use fire fighting measures that suit the environment.
Trade name **Color LA (Silicone resin paint LA)**

5.2 Special hazards arising from the substance or mixture
May be released in case of fire
Carbon monoxide (CO)
further harmful conflagration gases and fumes

5.3 Advice for firefighters
Protective equipment: No special measures required.
Additional information
Collect contaminated fire fighting water separately. It must not enter drains.
Ensure adequate means of retaining the water used for extinguishing

**SECTION 6: Accidental release measures**

6.1 Personal precautions, protective equipment and emergency procedures
Particular danger of slipping on leaked/spilled product.

6.2 Environmental precautions:
Do not allow to enter the ground/soil.
Do not allow product to reach sewage system or water bodies.
Inform responsible authorities in case product reaches bodies of water or sewage system.
Dilute with plenty of water.

6.3 Methods and material for containment and cleaning up:
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose of contaminated material as waste according to item 13.

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

**SECTION 7: Handling and storage**

7.1 Precautions for safe handling
Use only in well ventilated areas.
No special measures required.

Information about protection against explosions and fires: The product is not flammable

7.2 Conditions for safe storage, including any incompatibilities
Storage
Requirements to be met by storerooms and containers: No special requirements.
Information on storage in a common storage facility: none
Further information about storage conditions: Protect from frost.

7.3 Specific end use(s) No further relevant information available.

**SECTION 8: Exposure controls/personal protection**

8.1 Control parameters
Components with limit values that require monitoring at the workplace:

<table>
<thead>
<tr>
<th>CAS</th>
<th>Limit values</th>
</tr>
</thead>
<tbody>
<tr>
<td>13463-67-7</td>
<td>Long-term value: 10* 4** mg/m³</td>
</tr>
<tr>
<td></td>
<td>*total inhalable **respirable</td>
</tr>
<tr>
<td>12001-26-2</td>
<td>Long-term value: 10* 0.8** mg/m³</td>
</tr>
<tr>
<td></td>
<td>*total inhalable **respirable</td>
</tr>
</tbody>
</table>

Additional information: The lists that were valid during compilation were used as a basis.

8.2 Exposure controls
Personal protective equipment
General protective and hygienic measures
Do not eat, drink or smoke while working.
Use skin protection cream for preventive skin protection.
Wash hands before pauses and after work.

The following indication regarding the personal protective equipment are to be considered as
suggestions. The selection of the necessary personal protective equipment is to be evaluated by the
employer depending on the types of operations and the local circumstances. If a risk assessment on-
site shows that there is no risk for employees, the personal protective equipment is not required or the amount of the PPE can be adapted accordingly.

**Respiratory equipment:**
Only during spraying without adequate removal by suction.
Particle-Filter P2

**Protection of hands:**
Protective gloves or protective skin cream.
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

**Material of gloves**
Nitrile rubber, NBR
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

**Penetration time of glove material**
The determined penetration times according to EN 16523-1:2015 are not performed under practical conditions. Therefore a maximum wearing time, which corresponds to 50% of the penetration time, is recommended.
The exact breakthrough time has to be found out by the manufacturer of the protective gloves and has to be observed.

**Eye protection:** if there is a risk of splashes

**Body protection:** Protective work clothing.

### SECTION 9: Physical and chemical properties

<table>
<thead>
<tr>
<th>Information on basic physical and chemical properties</th>
<th>General Information</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Appearance:</strong></td>
<td></td>
</tr>
<tr>
<td>Form: Fluid</td>
<td></td>
</tr>
<tr>
<td>Colour: According to product specification</td>
<td></td>
</tr>
<tr>
<td>Odour: Characteristic</td>
<td></td>
</tr>
<tr>
<td>Odour threshold: Not determined.</td>
<td></td>
</tr>
<tr>
<td>pH-value at 20 °C: 8.5</td>
<td></td>
</tr>
<tr>
<td>Change in condition</td>
<td>Not determined</td>
</tr>
<tr>
<td>Melting point/freezing point:</td>
<td>&gt;100 °C</td>
</tr>
<tr>
<td>Initial boiling point and boiling range:</td>
<td>&gt;100 °C</td>
</tr>
<tr>
<td>Flash point:</td>
<td>&gt;100 °C</td>
</tr>
<tr>
<td>Inflammability (solid, gaseous):</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Ignition temperature:</td>
<td>not applicable</td>
</tr>
<tr>
<td>Decomposition temperature:</td>
<td>Not determined</td>
</tr>
<tr>
<td>Self-inflammability:</td>
<td>Product is not self-igniting.</td>
</tr>
<tr>
<td>Explosive properties:</td>
<td>Product is not explosive.</td>
</tr>
<tr>
<td>Explosive Limits:</td>
<td></td>
</tr>
<tr>
<td>Lower: Not determined.</td>
<td></td>
</tr>
<tr>
<td>Upper: Not determined.</td>
<td></td>
</tr>
<tr>
<td>Vapour pressure at 20 °C: 23 hPa</td>
<td></td>
</tr>
<tr>
<td>Density at 20 °C: 1.45-1.55 g/cm³</td>
<td></td>
</tr>
<tr>
<td>Relative density: Not determined.</td>
<td></td>
</tr>
<tr>
<td>Vapour density: Not determined.</td>
<td></td>
</tr>
<tr>
<td>Evaporation rate: Not determined.</td>
<td></td>
</tr>
<tr>
<td>Solubility in / Miscibility with Water:</td>
<td>Fully miscible</td>
</tr>
</tbody>
</table>

(Contd. on page 5)
Trade name Color LA (Silicone resin paint LA)

Distribution coefficient (n-octanol/water): Not determined.

<table>
<thead>
<tr>
<th>Viscosity</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>dynamic at 20 °C:</td>
<td>3100 mPas</td>
</tr>
<tr>
<td>kinematic:</td>
<td>Not determined.</td>
</tr>
</tbody>
</table>

Solvent separation test: < 3 %

9.2 Other information: No further relevant information available.

SECTION 10: Stability and reactivity

10.1 Reactivity: No further relevant information available.
10.2 Chemical stability:
Thermal decomposition / conditions to be avoided: No decomposition if handled and stored according to specifications.
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: None if used properly. None if stored properly.

SECTION 11: Toxicological information

11.1 Information on toxicological effects:
Acute toxicity: Based on available data, the classification criteria are not met.
LD/LC50 values that are relevant for classification: No further relevant information available.
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.
Sensitisation: Based on available data, the classification criteria are not met.
Germ cell mutagenicity: Based on available data, the classification criteria are not met.
Carcinogenicity: 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.

SECTION 12: Ecological information

12.1 Toxicity:
Aquatic 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.
Ecotoxicological effects:
Remark: Harmful to fish.
Additional ecological information:
General notes:
Do not allow product to reach ground water, bodies of water or sewage system.
Harmful to aquatic organisms.
12.5 Results of PBT and vPvB assessment
PBT: Not applicable.
vPvB: Not applicable.
12.6 Other adverse effects: No further relevant information available.

SECTION 13: Disposal considerations

Recommendation:
Not hardened material must be disposed of as hazardous waste according to official regulations.
Hardened product remains may be disposed of as building rubble or put into household garbage.
The given refuse codes are recommendations based upon the intended use of the product. Because of special use and disposal conditions at the user’s, other codes may apply under other conditions.
SECTION 14: Transport information

14.1 UN-Number
ADR, ADN, IMDG, IATA
Void

14.2 UN proper shipping name
ADR, ADN, IMDG, IATA
Void

14.3 Transport hazard class(es)
ADR, ADN, IMDG, IATA
Class
Void

14.4 Packing group
ADR, IMDG, IATA
Void

14.5 Environmental hazards:
Marine pollutant:
No

14.6 Special precautions for user
Not applicable.

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code
Not applicable.

Transport/Additional information: Not a hazardous good according to the above regulations.

UN "Model Regulation": Void

SECTION 15: Regulatory information

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

Directive 2012/18/EU
Named dangerous substances - ANNEX I None of the ingredients is listed.
REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 3
National regulations
Other regulations, limitations and prohibition ordinances
Observe the usual protective measures when working and for storage.

15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

Delivery specifications are found in the respective Technical Information Sheets.
This data is based on our present state of knowledge. However, it does not constitute a guarantee for any specific product features and does not establish a legally valid contractual relationship.

Relevant phrases
H226 Flammable liquid and vapour.
H302 Harmful if swallowed.
H304 May be fatal if swallowed and enters airways.
H317 May cause an allergic skin reaction.
H335 May cause respiratory irritation.
H336 May cause drowsiness or dizziness.
H373 May cause damage to organs through prolonged or repeated exposure.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.
H411 Toxic to aquatic life with long lasting effects.

Classification according to Regulation (EC) No 1272/2008 Calculation method

(Contd. on page 7)
Trade name **Color LA (Silicone resin paint LA)**

**Department issuing data specification sheet:** Product Safety department / EHS

**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)
- 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
- CAS: Chemical Abstracts Service (division of the American Chemical Society)
- LC50: Lethal concentration, 50 percent
- LD50: Lethal dose, 50 percent
- PBT: Persistent, Bioaccumulative and Toxic
- vPvB: very Persistent and very Bioaccumulative
- Flam. Liq. 3: Flammable liquids – Category 3
- Acute Tox. 4: Acute toxicity – Category 4
- Skin Sens. 1: Skin sensitisation – Category 1
- STOT SE 3: Specific target organ toxicity (single exposure) – Category 3
- STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2
- Asp. Tox. 1: Aspiration hazard – Category 1
- Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1
- Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1
- Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2
- Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3