

SAFETY DATA SHEET according to Regulation (EU) Nr. 2020/878 (REACH)

NOVOCOLOR® -Liquid Colors

Material nr.	Novocolor	Version	3.0 / REG_EU
Material name	Liquid color	Revision date	15.11.2022
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1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier:

Novocolor® -Liquid Colors

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

Industrial liquid color for coloring of plastics

1.3. Details of the supplier of the safety data sheet:

Company	: Repi GmbH Winsener Landstraße 124 21217 Seevetal, Germany
Telephone	: +49 (0)4105 1458 0
Telefax	: +49 (0)4105 1458 22
Email address	: Repi.Germany@Repi.com

1.3.1. Email Address of responsible persons:

Email: QS.Germany@Repi.com

1.4. Emergency telephone number:

+49 (0)4105 1458 0

2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classified under the CLP Regulation (Regulation (EC) no. 1272/2008, as amended).

Not a hazardous substance or mixture.

2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008 [CLP]: Labeling is not required.

Components of danger: none

Hazard (H) statements:

relevant only if the product contains titanium dioxide!

EUH211:

'Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.'

Precautionary statements (Safety P-phrases): none.

2.3. Other hazards

The product shows no other known specific threat to humans or the environment.

3. Composition/information on ingredients

3.1 Substances

Not applicable.

3.2. mixtures:

Dispersion (Liquid Colour) based upon a fatty acid ester, aliphatic carbon-di-ester and/ or vegetable oil carrier system, indexed color pigments, amorphous silica

The product does not contain dangerous substances or the concentration of hazardous substances do not reach the limits specified in the relevant regulations, so this need not be indicated on the safety data sheet.

4. First aid measures

4.1 Description of first aid measures

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The liquids should be wiped up and disposed instead of washing them into the sewerage system. But if this happens the carrier is not dangerous and will be degraded after a while.

6.4 Reference to other sections:

If you want more, or more detailed information, see chapter 8 and 13

7. Handling and storage**7.1 Precautions for safe handling**

Observe normal hygiene precautions.
Observe the rules usually refer to the use of chemicals.
Precautions against fire and explosion:
General measures for preventive fire protection.
Special measures are not necessary.

7.2 Conditions for safe storage, including any incompatibilities

Keep away from direct sunlight and keep dry. Storage temperature: > 10 °C (recommended)
If the product is stored at temperatures lower than 10°C, before use it is recommended to
- warm up the product for 24 hours at room temperature and
- homogenize by using a rotational mixer
The product is stable for 1 year minimum.
Incompatible materials: None known.
Packaging: There is no specific requirement.

7.3 Specific end uses:

Specific instructions not available.

8. Exposure controls/personal protection**8.1. Control parameters**

Occupational exposure limit values:
Components of the mixture are not regulated by limiting an exposure value.

DNELs

Route of exposure	Workers				Consumers			
	Acute effect local	Acute effects systemic	Chronic effects local	Chronic effects systemic	Acute effects local	Acute effects systemic	Chronic effects local	Chronic effects systemic
Oral	Not required					no exposure expected	no exposure expected	no exposure expected
Inhalation	no exposure expected	no exposure expected	no exposure expected	no exposure expected	no exposure expected	no exposure expected	no exposure expected	no exposure expected
Dermal	no data available	no data available	no data available	no data available	no data available	no data available	no data available	no data available

PNECs

	PNEC
Soil	no data available
Water	no data available
Air	no data available

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10.1. Reactivity

May react with oxidizing agents and reducing agents

10.2. Chemical stability

The substance is stable at ambient temperature and general working conditions.

10.3. Possibility of hazardous reactions

Thermal decomposition $\geq 350^{\circ}\text{C}$

10.4. Conditions to avoid

Avoid open fire

10.5. Incompatible materials

It is not known.

10.6. Hazardous decomposition products

No known hazardous decomposition products. In case of burning: carbon monoxide, carbon dioxide, toxic fumes

11. Toxicological information

11.1 Information on toxicological effects

There are no data available on the preparation itself. The preparation has been assessed following the conventional method of the Dangerous Preparation Directive 1999/45/ EC and not classified.

Acute toxicity	not classified, LD50 oral rat >2000
Skin corrosion/irritation	not classified, no data available
Serious eye damage/irritation	not classified, no data available
Respiratory or skin sensitization	not classified, no data available
germ cell mutagenicity	not classified, no data available
carcinogenicity	not classified, no data available
reproductive toxicity; not classified	no data available
Summary of evaluation of the CMR properties	not classified, no data available
STOT-single exposure	not classified, no data available
STOT-repeated exposure	not classified, no data available
aspiration hazard	not classified, no data available

12. Ecological information

12.1 Toxicity

Data are not available.

12.2. Persistence and degradability

Carrier system is biodegradable.

12.3. Bio accumulative potential

Data are not available.

12.4. Mobility in soil:

Data are not available.

12.5. Results of PBT and vPvB

Data are not available.

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REGULATION (EC) No. 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labeling and packaging of substances and mixtures, amending and repealing Directives 67/548 / EEC and 1999/45 / EC, and amending Regulation (EC) No. 1907/2006 COMMISSION REGULATION (EU) No. 2015/830 of 28 May 2015 amending Regulation (EC) No. 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

Not a hazardous substance or preparation according to EC-directives 67/548/EEC or 1999/45/EC. EINECS Status European Inventory of Existing Commercial Chemical Substances (EINECS). This product is on the European Inventory of Existing Commercial Chemical Substances (EINECS) or complies with the European Union chemical inventory requirements.

TSCA (Toxic Substance Control Act), EPA TSCA INVENTORY: All of the components are listed on the TSCA inventory.

15.2. Chemical Safety Assessment:

The supplier has carried out a chemical safety assessment for the substance or mixture regarding the component titanium dioxide.

The liquid color mixture usually contains more than 1% titanium dioxide (except for transparent liquid color), which is why a mandatory note should be given.

(DELEGATED REGULATION (EU) 2020/217)

EUH211: 'Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.'

However, due to the viscosity, spraying of the paint is hardly possible and is outside of the recommended application, so that this advice does not make sense in this case.

16. Other Information

Details of the supplier of the safety data sheet: none.

The terms of all abbreviations in the safety data sheet:

DNEL: Derived no effect level. PNEC: Predicted no effect concentration. CMR effects: carcinogenic, mutagenic and reproductive toxicity: PBT: Persistent, toxic, which may be biologically accumulate. vPvB: very persistent and very bioaccumulative. n. d. : not defined. n.r. : Not applicable.

Data Sources: safety sheet (from the day 20. 05. 2015. ; Version: 2.0 / EN), issued by the manufacturer. A full list of H-phrases for the ingredients referred to in point 2 and 3: none.

Instructions for training: Information not available.

This safety data sheet was prepared on the basis of data obtained from the manufacturer / supplier, and in accordance with the relevant regulations.

Information, data and recommendations in this document are given in good faith from reliable sources and are believed to be true and accurate on the date of issue. However, no further presentation to facilitate the comprehensibility of the information. VL is used only as a guide for handling the product; during handling and use of the product may affect other obligations.

Users are reminded that it is necessary to determine the relevance and validity of the above information with respect to their particular circumstances and assume all risks associated with the use of this product. When using this product borne by the user with regard to full compliance with local, national and international regulations your own risk.