

Safety Data Sheet

according to Regulation (EC) No 1907/2006

LIFOCOLOR-WEISS 70 PP

Revision date: 09.07.2018

Product code: 10091

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

1.1. Product identifier

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

Use of the substance/mixture

coloring component

Manufacture of plastics products, including compounding and conversion

1.3. Details of the supplier of the safety data sheet

Company name: LIFOCOLOR FARBEN GmbH & Co. KG
Masterbatches & Compounds
Street: Reundorfer Straße 18
Place: D-96215 Lichtenfels
Telephone: +49 9571 789 0
e-mail: zentrale@lifocolor.de
Internet: www.lifocolor.de

1.4. Emergency telephone number: +49 9571 789 0 (nur während der Bürozeiten)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No. 1272/2008

This mixture is not classified as hazardous in accordance with Regulation (EC) No. 1272/2008.

2.2. Label elements

Hazard components for labelling

According to EC directives or the corresponding national regulations the product does not have to be labelled.

2.3. Other hazards

Special danger of slipping by leaking/spilling product.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization

color masterbatch

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

No special measures are necessary.

After inhalation

Provide fresh air.

In case of respiratory tract irritation, consult a physician.

After contact with skin

Wash with plenty of water.

After contact with molten product, cool skin area rapidly with cold water.

Burns caused by molten material must be treated clinically.

After contact with eyes

Rinse immediately carefully and thoroughly with eye-bath or water.

In case of eye irritation consult an ophthalmologist.

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After ingestion

Rinse mouth immediately and drink plenty of water.
Do NOT induce vomiting.

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

No information available.

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Dry extinguishing powder, Foam, Carbon dioxide (CO₂), Water mist
Co-ordinate fire-fighting measures to the fire surroundings.

Unsuitable extinguishing media

Full water jet

5.2. Special hazards arising from the substance or mixture

Non-flammable.
Carbon monoxide

5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus.

Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Avoid dust formation.
Do not breathe dust.
Use personal protection equipment.
Special danger of slipping by leaking/spilling product.

6.2. Environmental precautions

Do not allow to enter into surface water or drains.

6.3. Methods and material for containment and cleaning up

Take up mechanically.
Treat the recovered material as prescribed in the section on waste disposal.

6.4. Reference to other sections

Safe handling: see section 7
Personal protection equipment: see section 8
Disposal: see section 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

No special measures are necessary.
Do not breathe dust.
Combustible solids
Provide adequate ventilation as well as local exhaust at critical locations.

Advice on protection against fire and explosion

No special fire protection measures are necessary.
Take precautionary measures against static discharges.

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Keep away from sources of ignition - No smoking.

Only use the material in places where open light, fire and other flammable sources can be kept away.

Further information on handling

Measures to prevent aerosol and dust generation

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed.

Keep the packing dry and well sealed to prevent contamination and absorption of humidity.

Protect against: UV-radiation/sunlight

Hints on joint storage

No special measures are necessary.

7.3. Specific end use(s)

Manufacture of plastics products, including compounding and conversion

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limits (EH40)

| CAS No | Substance | ppm | mg/m ³ | fibres/ml | Category | Origin |
|------------|------------------------------|-----|-------------------|-----------|-----------|--------|
| 13463-67-7 | Titanium dioxide, respirable | - | 4 | | TWA (8 h) | WEL |

Additional advice on limit values

To date, no national critical limit values exist.

8.2. Exposure controls



Protective and hygiene measures

Take off contaminated clothing.

Wash hands before breaks and after work.

When using do not eat or drink.

Eye/face protection

Wear eye protection/face protection.

Hand protection

When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

Skin protection

Wear suitable protective clothing.

Respiratory protection

In case of inadequate ventilation wear respiratory protection.

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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | | |
|-----------------|-----------|----------------|
| Physical state: | solid | |
| Colour: | white | |
| Odour: | odourless | |
| pH-Value: | | not determined |

Changes in the physical state

| | | |
|--|--|----------------|
| Melting point: | | >90 °C |
| Initial boiling point and boiling range: | | not determined |
| Sublimation point: | | not determined |
| Softening point: | | not determined |
| Flash point: | | not determined |

Flammability

| | | |
|--------|--|----------------|
| Solid: | | not determined |
| Gas: | | not applicable |

Explosive properties

not determined

| | | |
|-------------------------|--|----------------|
| Lower explosion limits: | | not determined |
| Upper explosion limits: | | not determined |

Auto-ignition temperature

| | | |
|--------|--|----------------|
| Solid: | | not determined |
| Gas: | | not applicable |

| | | |
|----------------------------|--|----------------|
| Decomposition temperature: | | not determined |
|----------------------------|--|----------------|

Oxidizing properties

not determined

| | | |
|------------------|--|----------------|
| Vapour pressure: | | not determined |
|------------------|--|----------------|

| | | |
|----------|--|----------------|
| Density: | | not determined |
|----------|--|----------------|

| | | |
|-------------------|--|--|
| Water solubility: | The study does not need to be conducted because the substance is known to be insoluble in water. | |
|-------------------|--|--|

Solubility in other solvents

not determined

| | | |
|------------------------|--|----------------|
| Partition coefficient: | | not determined |
|------------------------|--|----------------|

| | | |
|------------|--|----------------|
| Flow time: | | not determined |
|------------|--|----------------|

| | | |
|-----------------|--|----------------|
| Vapour density: | | not determined |
|-----------------|--|----------------|

| | | |
|-------------------|--|----------------|
| Evaporation rate: | | not determined |
|-------------------|--|----------------|

9.2. Other information

| | | |
|----------------|--|----------------|
| Solid content: | | not determined |
|----------------|--|----------------|

SECTION 10: Stability and reactivity

10.1. Reactivity

No hazardous reaction when handled and stored according to provisions.

Thermal decomposition can lead to the escape of irritating gases and vapours.

10.2. Chemical stability

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The product is stable under storage at normal ambient temperatures.

10.3. Possibility of hazardous reactions

No known hazardous reactions.

10.4. Conditions to avoid

none

10.5. Incompatible materials

No information available.

10.6. Hazardous decomposition products

Gases/vapours, flammable

Carbon monoxide Carbon dioxide

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicokinetics, metabolism and distribution

The product has not been tested. The statement is derived from the properties of the single components.

Acute toxicity

The product has not been tested. The statements on toxicology have been derived from the properties of the individual components.

ATEmix tested

| | Dose | Species | Source |
|------------|-------------|---------|--------|
| LD50, oral | >2000 mg/kg | Rat | |

Irritation and corrosivity

Based on available data, the classification criteria are not met.

Sensitising effects

Based on available data, the classification criteria are not met.

Carcinogenic/mutagenic/toxic effects for reproduction

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

The product is not: Ecotoxic.

12.2. Persistence and degradability

The product has not been tested.

12.3. Bioaccumulative potential

The product will not be readily bioavailable due to its consistency and insolubility in water.

12.4. Mobility in soil

Adsorption to solid soil phase is not expected.

12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6. Other adverse effects

No information available.

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Further information

Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations

Do not allow to enter into surface water or drains.
Dispose of waste according to applicable legislation.

Contaminated packaging

Wash with plenty of water. Completely emptied packages can be recycled.

SECTION 14: Transport information

Land transport (ADR/RID)

| | |
|--|--|
| 14.1. UN number: | No dangerous good in sense of this transport regulation. |
| 14.2. UN proper shipping name: | No dangerous good in sense of this transport regulation. |
| 14.3. Transport hazard class(es): | No dangerous good in sense of this transport regulation. |
| 14.4. Packing group: | No dangerous good in sense of this transport regulation. |

Inland waterways transport (ADN)

| | |
|--|--|
| 14.1. UN number: | No dangerous good in sense of this transport regulation. |
| 14.2. UN proper shipping name: | No dangerous good in sense of this transport regulation. |
| 14.3. Transport hazard class(es): | No dangerous good in sense of this transport regulation. |
| 14.4. Packing group: | No dangerous good in sense of this transport regulation. |

Marine transport (IMDG)

| | |
|--|--|
| 14.1. UN number: | No dangerous good in sense of this transport regulation. |
| 14.2. UN proper shipping name: | No dangerous good in sense of this transport regulation. |
| 14.3. Transport hazard class(es): | No dangerous good in sense of this transport regulation. |
| 14.4. Packing group: | No dangerous good in sense of this transport regulation. |

Air transport (ICAO-TI/IATA-DGR)

| | |
|--|--|
| 14.1. UN number: | No dangerous good in sense of this transport regulation. |
| 14.2. UN proper shipping name: | No dangerous good in sense of this transport regulation. |
| 14.3. Transport hazard class(es): | No dangerous good in sense of this transport regulation. |
| 14.4. Packing group: | No dangerous good in sense of this transport regulation. |

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: no

14.6. Special precautions for user

No information available.

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

not applicable

SECTION 15: Regulatory information

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

EU regulatory information

Additional information

To follow: 850/2004/EC , 79/117/EEC , 689/2008/EC

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National regulatory information

Water hazard class (D): -- non-hazardous to water

15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information

Changes

This data sheet contains changes from the previous version in section(s): 1,3,8,15.

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 Harmonized 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
LC50: Lethal concentration, 50%
LD50: Lethal dose, 50%

Further Information

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)