

According to directive 1907/2006/EC, 2015/830

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Version 1.0

Revision date: 04-05-2018

Print date: 23-2-2022

Trade name: Silicone pigments (all colours)

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

1.1 Product identification:

Product name: Silicone pigments (all colours)

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

Usage: Pigment for RTV Silicone Rubber.

Uses advised against: None known.

1.3 Details of the supplier of the safety data sheet

Responsible distributor: ASSYST bvba / A.S.O.W. bvba
Hellegatstraat 13a
2590 Berlaar
Belgium
Tel: +32 495 50 61 14 / +32 496 83 70 27
Website: www.assyst.org / www.artsuppliesonweb.com
Email: ao@assyst.org / vera.opsommer@assyst.org

1.4 Emergency telephone number:

For Belgium:

Call the **Poison Control Center (070 245 245 - free)**, if not available: **02 264 96 30** (normal rate) or your doctor. In life-threatening situations, always call the European emergency number **112**.

NHS 24 Direct

For help from a GP, visit your GP surgery's website, use an online service to contact your GP, or call the surgery. **For urgent medical help**, use the NHS 111 online service, or **call 111** if you are unable to get help online. **For life-threatening emergencies, call 999** for an ambulance. There is more information about getting medical help on the NHS website.

SECTION 2: Hazard identification

2.1 Classification of the substance or mixture:

Classification according to Directive (EC) No 1272/2008 and its amendments.

The product is not classified according to the CLP regulation

2.2 Label elements:

Labelling according to Regulation (EC) No 1272/2008 [CLP/GHS]: Not applicable.

Hazard pictograms: not applicable.

Warning: not applicable.

Indications of danger: not applicable

2.3 Other hazards:

Results of PBT and vPvB assessment

PBT: Not applicable.

zPzB: not applicable.

There is no additional information.

SECTION 3: Composition and information on ingredients

3.2 Mixtures:

Mixture of Polyorganosiloxanes and pigments.

SECTION 4: First aid measures

Get medical attention if symptoms occur. Contaminated clothing to be placed in closed container until disposal or decontamination.

4.1 Description of first aid measures:

After inhalation:

No effects expected.

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After skin contact:

Wash with soap and water.

After eye contact:

Flush with clean water for 10 minutes. If irritation persists obtain medical attention.

After swallowing:

Rinse mouth with water several times.

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

None known.

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

Notes for the doctor:

Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1 Extinguishing media:

Suitable extinguishing media:

Extinguish with foam, carbon dioxide or dry powder.

Unsuitable extinguishing media:

Do not use water jet as an extinguisher, as this will spread the fire.

5.2 Special hazards arising from the substance or mixture

Hazardous combustion:

Thermal breakdown of this product during fire or very high heat conditions may evolve the following decomposition products: Silica, Carbon oxides and traces of incompletely burned carbon compounds, Formaldehyde.

5.3 Advice for firefighters:

Water spray should be used to cool containers.

Special protective equipment for fire-fighters:

Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

SECTION 6: Accidental release measures for the substance or mixture

6.1 Personal precautions, protective equipment and emergency procedures:

For non-emergency personnel:

Use personal protective equipment. See Section 8 of the SDS for Personal Protective Equipment.

For emergency responders:

No data available.

6.2 Environmental precautions:

Do not discharge into drains, water courses or onto the ground. Collect spillage. For a large spillage, contain the spillage by bundling.

6.3 Methods and material for containment and cleaning up

Procedures:

Evacuate area if necessary. For large spills should be contained by bundling etc. Wipe or soak up with absorbent material and place in a container. The spilled product can cause very a slippery surface, so care should be taken.

6.4 Reference to other sections:

Caution: Contaminated surfaces may be slippery.

For waste disposal, see Section 13 of the SDS.

SECTION 7: Handling and storage:

7.1 Precautions for safe handling

No special precautions are necessary beyond normal good hygiene practices.

See Section 8 of the SDS for additional personal protection advice when handling this product.

7.2 Conditions for safe storage, including any incompatibilities

Keep in original container and keep closed. Store away from moisture and in a well ventilated area.

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Do not store with oxidizing agents.
Suitable containers: Steel drums coated with epoxy-resin.

7.3 Specific end use:
No data available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters:

Has no assigned exposure limits.

8.2 Exposure controls:

Appropriate Engineering Controls:

No special measures are required provided the product is handled in accordance with the general rules of occupational hygiene and safety

Individual protection measures, such as personal protective equipment:

General information:

No special measures are required provided the product is handled in accordance with the general rules of occupational hygiene and safety.

Eye/face protection:

Skin protection
Safety Glasses.
Not required.

Hand Protection:

Gloves recommended if continual handling.

Other:

Exercise good industrial hygiene practice. Wash after handling, especially before eating or drinking.

Respiratory Protection:

If ventilation is insufficient, suitable respiratory protection must be provided.

Hygiene measures:

Provide eyewash station and safety shower.

Environmental Controls:

No data available.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties:

Physical state:	Liquid
Form:	Slightly viscous
Colour:	Various
Odour:	Characteristic
Boiling Point:	> 211°C
Flash Point:	> 96°C (Closed cup according to method ASTM D56.)
Density:	Approximate 1,00 kg/dm ³ (20 °C)
Solubility in Water:	Practically Insoluble

9.2 Other information

No data available.

SECTION 10: Stability and reactivity

10.1 Reactivity:

Stable at room temperature and under normal usage conditions.

10.2 Chemical Stability:

Stable at normal ambient temperature.

10.3 Potentially hazardous reactions:

No data available.

10.4 Conditions to avoid

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No dangerous reactions known under normal conditions of use.

10.5 Chemically Interacting Materials:

Can react with strong oxidising agents.

10.6 Hazardous decomposition products:

If this product is heated to >150°C trace quantities of formaldehyde may be released and therefore ventilation is required.

SECTION 11: Toxicological information

11.1 Information on toxicological effects:

Acute toxicity:

Information on likely routes of exposure

Inhalation:

No adverse effects are normally expected

Ingestion:

No adverse effects are normally expected

Skin Contact:

No adverse effects are normally expected

Eye contact:

May cause slight irritation

Skin corrosion/irritation

No information available.

Serious eye damage/eye irritation

No information available.

Respiratory tract/skin sensitisation

No information available.

Mutagenicity in germ cells

No information available.

Carcinogenicity

No information available.

Toxicity for reproduction

No information available.

STOT on single exposure

No information available.

STOT on repeated exposure

No information available.

Danger by inhalation

No information available.

SECTION 12: Ecological information

Ecotoxicity:

The product components are not classified as environmentally hazardous.

However, large or frequent spills may have hazardous effects on the environment.

12.1 Toxicity:

Aquatic toxicity:

Not considered toxic to fish.

12.2 Persistence and Degradability:

There are no data on the degradability of this product.

12.3 Bioaccumulation:

Bioaccumulative potential: No data available on bioaccumulation.

Partition coefficient: No information available.

12.4 Mobility in Soil:

No information available.

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12.6 Other Harmful Effects:
Not determined.

SECTION 13: Instructions for disposal

13.1 Waste treatment methods:

General information:

Dispose of according to local regulations. For any disposal observe local by-laws.

Packaging disposal:

Completely discharge containers. Containers can be recycled or reused. Observe local by-laws.

SECTION 14: Information relating to carriage

14.1 UN number

The transport of this substance is not subject to regulations.

14.2 Proper load name according to UN Model Regulations

The transport of this substance is not subject to regulations.

14.3 Transport hazard class(es)

The transport of this substance is not subject to regulations.

14.4 Packing group

The transport of this substance is not subject to regulations.

14.5 Environmental hazards

The transport of this substance is not subject to regulations.

14.6 Special precautions for the user

The transport of this substance is not subject to regulations.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

UN Model Regulation:

Not applicable

SECTION 15: Legally required information

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

EU legislation:

- 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) (as amended).
- 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 (as amended).
- Commission Regulation (EU) No 2015/830 of 28 May 2015.

EINECS:

All ingredients listed, exempt or notified (ELINCS)

IECSC:

All ingredients listed.

15.2 Chemical safety assessment:

A chemical safety assessment has not been carried out.

SECTION 16: Other information

This information is based on our current state of knowledge. They do not, however, describe a guarantee of product properties and do not establish a contractual legal relationship.

Abbreviations and acronyms:

ATE: Acute Toxicity Estimate.
ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

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ADN:	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways).
CAS:	Chemical Abstracts Service.
DNEL:	Derived No Effect Level.
IATA:	International Air Transport Association.
IMDG:	International Maritime Code for Dangerous
Kow:	Octanol-water partition coefficient.
LC50:	Lethal Concentration to 50% of a test population.
LD50:	Lethal Dose to 50% of a test population (Median Lethal Dose).
PBT:	Persistent, Bioaccumulative and Toxic substance.
PNEC:	Predicted No Effect Concentration.
REACH:	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006.
RID:	European Agreement concerning the International Carriage of Dangerous Goods by Rail.
vPvB:	Very Persistent and Very Bioaccumulative.
IARC:	International Agency for Research on Cancer.
MARPOL 73/78:	International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978.
cATpE:	Converted Acute Toxicity Point Estimate.
BCF:	Bioconcentration Factor.
BOD:	Biochemical Oxygen Demand.
EC50:	50% of maximal Effective Concentration.
LOAEC:	Lowest Observed Adverse Effect Concentration.
LOAEL:	Lowest Observed Adverse Effect Level.
NOAEC:	No Observed Adverse Effect Concentration.
NOAEL:	No Observed Adverse Effect Level.
NOEC:	No Observed Effect Concentration.
DMEL:	Derived Minimal Effect
Level EL50:	Exposure Limit 50 hPa (Hectopascal)
LL50:	Lethal Loading fifty
OECD:	Organisation for Economic Co-operation and Development
POW:	Octanol-water partition coefficient
SCBA:	self-contained breathing apparatus
STP:	Sewage Treatment Plant
VOC:	Volatile Organic Compounds