

SAFETY DATA SHEET

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

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Version 13.0

Revision date: 28-07-2016

Print date: 23-2-2022

Trade name: Resin pigments (Blue, Brown, Flesh, Green, Red, White, Yellow)

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

1.1 Product identification:

Product name: Resin pigments (Blue, Brown, Flesh, Green, Red, White, Yellow)

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

Usage: Pigment for resins.

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**.
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.

NHS 24 Direct

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

Supplemental label information: STIR WELL BEFORE USE
STORE AT ROOM TEMPERATURE

2.3 Other hazards:

This product does not contain any substances classified as PBT or vPvB.

SECTION 3: Composition and information on ingredients

3.2 Mixtures:

| Chemical Name | CAS number EC number REACH registration number | Weight % | Classification |
|----------------------|--|----------|----------------|
| DIISONONYL PHTHALATE | 28553-12-0 249-079-5 01-2119430798-28 | 60-100% | Not Classified |
| Carbon Black | 1333-86-4 215-609-9 - | 0-45% | Not Classified |

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SECTION 4: First aid measures

4.1 Description of first aid measures:

General information:

If in doubt, get medical attention promptly. Show this Safety Data Sheet to the medical personnel.

Inhalation:

No specific recommendations. If throat irritation or coughing persists, proceed as follows.

Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing.

Loosen tight clothing such as collar, tie or belt.

Get medical attention if any discomfort continues.

Ingestion:

No specific recommendations.

If throat irritation or coughing persists, proceed as follows.

Rinse mouth.

Get medical attention if any discomfort continues.

Skin contact:

No specific recommendations.

Rinse with water.

Get medical attention if any discomfort continues.

Eye contact:

Rinse with water.

Get medical attention if any discomfort continues.

Protection of first aiders:

Use protective equipment appropriate for surrounding materials.

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

General information:

The severity of the symptoms described will vary dependent on the concentration and the length of exposure.

Inhalation:

No specific symptoms known.

Spray/mists may cause respiratory tract irritation.

Ingestion:

No specific symptoms known.

May cause discomfort if swallowed.

Skin contact:

No specific symptoms known.

May cause discomfort.

Eye contact:

No specific symptoms known.

May be slightly irritating to eyes.

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

Notes for the doctor:

Treat symptomatically.

Specific treatments:

No special treatment required.

SECTION 5: Fire-fighting measures

5.1 Extinguishing media:

Suitable extinguishing media:

The product is not flammable.

Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog. Use fire-extinguishing media suitable for the surrounding fire.

Unsuitable extinguishing media:

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

5.2 Special hazards arising from the substance or mixture

Specific hazards:

Containers can burst violently or explode when heated, due to excessive pressure build-up.

Hazardous combustion:

Thermal decomposition or combustion products may include the following substances:

Harmful gases or vapours.

5.3 Advice for firefighters:

Protective actions during firefighting:

Avoid breathing fire gases or vapours.

Evacuate area.

Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk.

Cool containers exposed to flames with water until well after the fire is out.

If a leak or spill has not ignited, use water spray to disperse vapours and protect men stopping the leak.

Special protective equipment for fire-fighters:

Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

Firefighter's clothing conforming to European standard EN469 (including helmets, protective boots and gloves) will provide a basic level of protection for chemical incidents.

SECTION 6: Accidental release measures for the substance or mixture

6.1 Personal precautions, protective equipment and emergency procedures:

Personal precautions:

No specific recommendations. For personal protection, see Section 8.

6.2 Environmental precautions:

Environmental precautions:

Avoid discharge into drains or watercourses or onto the ground.

6.3 Methods and material for containment and cleaning up

Methods for cleaning up:

Reuse or recycle products wherever possible.

Absorb spillage to prevent material damage.

Flush contaminated area with plenty of water.

Wash thoroughly after dealing with a spillage.

Dispose of contents/container in accordance with national regulations.

6.4 Reference to other sections:

Reference to other sections:

For personal protection, see Section 8.

SECTION 7: Handling and storage:

7.1 Precautions for safe handling

Usage precautions:

Read and follow manufacturer's recommendations.

Wear protective clothing as described in Section 8 of this safety data sheet.

Keep away from food, drink and animal feeding stuffs.

Handle all packages and containers carefully to minimise spills.

Keep container tightly sealed when not in use.

Avoid the formation of mists.

Advice on general:

Wash promptly if skin becomes contaminated.

Take off contaminated clothing.

Wash occupational hygiene contaminated clothing before reuse.

7.2 Conditions for safe storage, including any incompatibilities

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Storage precautions:

No specific recommendations.

Storage class:

Unspecified storage.

7.3 Specific end use:

Specific end use(s):

The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters:

Carbon Black

Long-term exposure limit (8-hour TWA): WEL 3.5 mg/m³ dust.

Short-term exposure limit (15-minute): WEL 7.0 mg/m³ dust.

WEL = Workplace Exposure Limit

8.2 Exposure controls:

Appropriate Engineering Controls:

No specific ventilation requirements.

Individual protection measures, such as personal protective equipment:

Eye/face protection:

No specific eye protection required during normal use.

Large Spillages: Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible.

Hand Protection:

No specific hand protection recommended.

Large Spillages: Wear protective gloves.

Respiratory Protection:

No specific recommendations.

Provide adequate ventilation.

Large Spillages: If ventilation is inadequate, suitable respiratory protection must be worn.

Hygiene measures:

Wash hands thoroughly after handling.

Wash at the end of each work shift and before eating, smoking and using the toilet.

Do not eat, drink or smoke when using this product.

Environmental Controls:

Not regarded as dangerous for the environment.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties:

| | |
|---|---------------------------|
| Appearance: | Coloured liquid. |
| Colour: | Various colours. |
| Odour: | Odourless. |
| Odour threshold: | No information available. |
| Melting point: | 54°C |
| Initial boiling point and range: | 341°C |
| Flash point: | 200°C |
| Evaporation rate: | Not available. |
| Evaporation factor: | No information available. |
| Flammability (solid, gas): | No information available. |
| Upper/lower flammability or explosive limits: | No information available. |
| Other flammability: | No information available. |
| Vapour pressure: | 0.06 mPa @ 20°C |
| Vapour density: | No information available. |

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| | |
|---|---------------------------------|
| Relative density: | ~ 1.0 @ 20°C |
| Bulk density: | No information available. |
| Solubility(ies): | <0.0014 g/l water @ 20°C |
| Partition coefficient: | Pow: 8.8-9.7 |
| Auto-ignition temperature: | 400°C |
| Decomposition Temperature: | No information available. |
| Viscosity: | No information available. |
| Explosive properties: | Not available. |
| Explosive under the influence of a flame: | Not considered to be explosive. |
| Oxidising properties: | Not available. |

9.2. Other information

Information given is applicable to the product as supplied.

| | |
|----------------------------|---------------------------|
| Refractive index: | No information available. |
| Particle size: | No information available. |
| Molecular weight: | No information available. |
| Volatility: | No information available. |
| Saturation concentration: | No information available. |
| Critical temperature: | No information available. |
| Volatile organic compound: | No information available. |

SECTION 10: Stability and reactivity

10.1 Reactivity:

Reactivity:

There are no known reactivity hazards associated with this product.

10.2 Chemical Stability:

Stability:

Stable at normal ambient temperatures and when used as recommended.

Stable under the prescribed storage conditions.

10.3 Potentially hazardous reactions:

Possibility of hazardous reactions:

No potentially hazardous reactions known.

10.4 Conditions to avoid

Conditions to avoid:

There are no known conditions that are likely to result in a hazardous situation.

10.5 Chemically Interacting Materials:

Materials to avoid:

No specific material or group of materials is likely to react with the product to produce a hazardous situation.

10.6 Hazardous decomposition products:

Hazardous decomposition:

Does not decompose when used and stored as recommended.

Thermal decomposition or products combustion products may include the following substances:

Harmful gases or vapours.

SECTION 11: Toxicological information

11.1 Information on toxicological effects:

Toxicological effects:

Not regarded as a health hazard under current legislation.

Acute toxicity - oral

Based on available data the classification criteria are not met.

Notes (oral LD₅₀)

Acute toxicity - dermal

Based on available data the classification criteria are not met.

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Notes (dermal LD₅₀)

Acute toxicity - inhalation

Based on available data the classification criteria are not met.

Notes (inhalation LC₅₀)

Skin corrosion/irritation

Animal data:

Based on available data the classification criteria are not met.

Serious eye damage/eye irritation

Based on available data the classification criteria are not met.

Respiratory tract/skin sensitisation

Based on available data the classification criteria are not met.

Mutagenicity in germ cells

Genotoxicity - in vitro :

Based on available data the classification criteria are not met.

Carcinogenicity

Based on available data the classification criteria are not met.

IARC carcinogenicity:

None of the ingredients are listed or exempt.

Toxicity for reproduction

Reproductive toxicity – fertility:

Based on available data the classification criteria are not met.

Reproductive toxicity development:

Based on available data the classification criteria are not met.

STOT on single exposure

Not classified as a specific target organ toxicant after a single exposure.

STOT on repeated exposure

Not classified as a specific target organ toxicant after repeated exposure.

Danger by inhalation

Based on available data the classification criteria are not met.

Specific target organ toxicity - repeated exposure

General information:

No specific health hazards known.

The severity of the symptoms described will vary dependent on the concentration and the length of exposure.

Inhalation:

No specific symptoms known.

Spray/mists may cause respiratory tract irritation.

Ingestion:

No specific symptoms known.

May cause discomfort if swallowed.

Skin contact:

No specific symptoms known.

May cause discomfort.

Eye contact:

No specific symptoms known.

May be slightly irritating to eyes.

Route of entry:

Ingestion

Inhalation

Skin and/or eye contact

Target organs:

No specific target organs known.

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SECTION 12: Ecological information

Ecotoxicity:

Not regarded as dangerous for the environment.

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

12.1 Toxicity:

Aquatic toxicity:

Based on available data the classification criteria are not met.

12.2 Persistence and Degradability:

Persistence and degradability:

The degradability of the product is not known.

12.3 Bioaccumulation:

Bioaccumulative potential:

No data available on bioaccumulation.

Partition coefficient:

Pow: 8.8-9.7

12.4 Mobility in Soil:

Mobility:

No data available.

12.5 Results of PBT and vPvB assessment

This substance/mixture does not contain any components that can be considered persistent, bioaccumulative and toxic (PBT) or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

12.6 Other Harmful Effects:

Not determined.

SECTION 13: Instructions for disposal

13.1 Waste treatment methods:

General information:

The generation of waste should be minimised or avoided wherever possible.

Reuse or recycle products wherever possible.

This material and its container must be disposed of in a safe way.

Disposal methods:

Dispose of surplus products and those that cannot be recycled via a licensed waste disposal contractor.

Waste packaging should be collected for reuse or recycling.

Incineration or landfill should only be considered when recycling is not feasible.

Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of the local water authority.

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.

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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

National regulations:

- Health and Safety at Work etc. Act 1974 (as amended).
- The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).
- The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2009 (SI 2009 No. 1348) (as amended) ["CDG 2009"].
- EH40/2005 Workplace exposure limits.

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).
- Commission Regulation (EU) No 453/2010 of 20 May 2010.
- 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).
- Dangerous Preparations Directive 1999/45/EC.

15.2 Chemical safety assessment:

No chemical safety assessment has 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 europeen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road) |
| 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. |

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| | |
|-------------|--|
| 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 |