

According to directive 1907/2006/EC,2020/878
Version 2.0 Revision date: 13-10-2022
Trade name: Worbla's Black Art

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

1.1 Product identification:

Product name: Worbla's Black Art

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

Identified applications: Film manufacturing.

Cosplay.

Uses advised against:

There is no information available on applications that are not advised.

1.3 Details of the supplier of the safety data sheet:

Responsible distributor :

ASSYST sprl / A.S.O.W. sprl

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 phone number:

For Belgium:

Call the **Poison Control Centre (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 in accordance with Regulation (EC) No 1272/2008 as amended.

This mixture does not meet the criteria for classification according to Regulation No 1272/2008/EC.

Adverse physicochemical, human health and environmental effects

To our knowledge, this product does not present any particular risk, provided it is handled in accordance with good occupational hygiene and safety practice.

2.2 Labelling elements:

No hazard pictogram, no signal word, no hazard indication(s) and no safety recommendations required.

2.3 Other hazards:

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.

Ecological information:

The substance/mixture does not contain any components believed to have endocrine-disrupting properties according to REACH article 57(f) or Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at level 0.1% or higher.

Toxicological information:

The substance/mixture does not contain any components believed to have endocrine-disrupting properties according to REACH article 57(f) or Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at level 0.1% or higher.

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SECTION 3: Composition and information on ingredients

3.2 Mixtures:

Chemical characterization

Complex mixture based on: polyolefin copolymers, polyesters and cellulose-based renewable resources.
This mixture does not contain any substances to be mentioned according to the criteria of section 3.2 of REACH Annex II.

SECTION 4: First aid measures

4.1 Description of first-aid measures:

First-aid measures after inhalation:

Remove person to fresh air and keep comfortable for breathing.

First-aid measures after skin contact:

Wash skin with plenty of water.

First-aid measures after eye contact:

Rinse eyes with water as a precaution.

First-aid measures after ingestion:

Call a poison centre or a doctor if you feel unwell.

4.2 Main acute and delayed symptoms and effects:

No additional information available.

4.3 Indication of immediate medical attention and special treatment required:

Treat symptomatically..

SECTION 5: Fire-fighting measures

5.1 Extinguishing media:

Suitable extinguishing agents:

Water spray. Dry powder. Foam.

Unsuitable extinguishing media:

Full water jet.

5.2 Special hazards arising from the substance or mixture:

Explosion hazard:

Product is not explosive.

Hazardous decomposition products in case of fire:

Toxic fumes may be released.

5.3 Advice for firefighters:

Protection during firefighting:

Do not attempt to take action without suitable protective equipment.

Self-contained breathing apparatus.

Complete protective clothing.

SECTION 6: Measures in case of accidental release of the substance or mixture

6.1 Personal precautions, protective equipment and emergency procedures:

For non-emergency personnel

Emergency procedures:

Ventilate spillage area.

For emergency responders

Protective equipment:

Do not attempt to take action without suitable protective equipment.

For further information refer to section 8: "Exposure controls/personal protection".

6.2 Environmental precautions:

Avoid release to the environment.

6.3 Methods and materials for containment and cleaning:

Methods for cleaning up:

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Mechanically recover the product.

Other information:

Dispose of materials or solid residues at an authorized site.

6.4 Reference to other sections:

For further information refer to section 13.

SECTION 7: Handling and storage:

7.1 Precautions for safe handling of the substance or mixture:

Precautions for safe handling:

Ensure good ventilation of the work station.

Wear personal protective equipment.

Hygiene measures:

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

Always wash hands after handling the product.

7.2 Conditions for safe storage, including incompatibilities:

Storage conditions:

Store in a well-ventilated place.

Keep cool.

7.3 Specific end use:

Refer to section: 1.2.

SECTION 8: Exposure controls/personal protection measures

8.1 Control parameters:

National occupational exposure and biological limit values

No additional information available

Recommended monitoring procedures

No additional information available

Air contaminants formed

No additional information available

DNEL and PNEC

No additional information available

Control banding

No additional information available

8.2 Exposure control measures:

Appropriate engineering controls:

Ensure good ventilation of the work station.

Personal protection equipment

Eye protection:

Not required

Skin and body protection:

Not required

Hand protection:

Not required

Respiratory protection:

No personal breathing protective equipment is normally required

Thermal hazards

No additional information available

Environmental exposure controls:

Avoid release to the environment.

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SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties:

| | |
|--|---------------------------|
| Physical state: | solid |
| Colour: | black |
| Appearance: | Film |
| Odour: | Barely perceptible |
| Odour threshold: | Not available |
| Melting point: | 60 °C |
| Freezing point: | Not applicable |
| Boiling point: | Not available |
| Flammability: | Non flammable. |
| Explosive properties: | Product is not explosive. |
| Oxidising properties: | Non oxidizing. |
| Explosive limits: | Not applicable |
| Lower explosive limit (LEL): | Not applicable |
| Upper explosive limit (UEL): | Not applicable |
| Flash point: | > 200 °C |
| Auto-ignition temperature: | > 200 °C |
| Decomposition temperature: | Not available |
| pH: | Not applicable |
| pH solution: | Not available |
| Viscosity, kinematic | Not applicable |
| Viscosity, dynamic: | Not applicable |
| Solubility: | Water: Insoluble |
| Partition coefficient n-octanol/water (Log Kow): | Not available |
| Vapour pressure: | Not available |
| Vapour pressure at 50 °C: | Not available |
| Density: | Not available |
| Relative density: | Not available |
| Relative vapour density at 20 °C: | Not applicable |
| Particle size: | Not available |
| Particle size distribution: | Not available |
| Particle shape: | Not available |
| Particle aspect ratio: | Not available |
| Particle aggregation state: | Not available |
| Particle agglomeration state: | Not available |
| Particle specific surface area: | Not available |
| Particle dustiness: | Not available |

9.2. Other information

Information with regard to physical hazard classes

No additional information available

Other safety characteristics

VOC content: 0 %

SECTION 10: Stability and reactivity

10.1 Reactivity:

The product is non-reactive under normal conditions of use, storage and transport.

10.2 Chemical stability

Stable under normal conditions.

10.3 Possible hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4 Conditions to avoid

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None under recommended storage and handling conditions (see section 7).

10.5 Incompatible materials

No additional information available.

10.6 Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1 Information on toxicological effects:

Acute toxicity (oral):

Not classified

Acute toxicity (dermal):

Not classified

Acute toxicity (inhalation):

Not classified

Skin corrosion/irritation:

Not classified

pH: Not applicable

Serious eye damage/irritation:

Not classified

pH: Not applicable

Respiratory or skin sensitisation:

Not classified

Germ cell mutagenicity:

Not classified

Carcinogenicity:

Not classified

Reproductive toxicity:

Not classified

STOT-single exposure:

Not classified

STOT-repeated exposure:

Not classified

Aspiration hazard:

Not classified

11.2 Endocrine disrupting properties

The substance/mixture does not contain any components believed to have endocrine-disrupting properties according to REACH article 57(f) or Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at level 0.1% or higher.

SECTION 12: Ecological information

12.1 Toxicity:

Ecology - general:

The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.

Hazardous to the aquatic environment, short-term (acute):

Not classified

Hazardous to the aquatic environment, long-term (chronic):

Not classified

12.2 Process of degradability

No additional information available.

12.3 Bioaccumulation

No additional information available.

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12.4 Mobility in soil:

No additional information available.

12.5 Results of PBT and vPvB assessment

No additional information available.

12.6 Endocrine disrupting properties

The substance/mixture does not contain any components believed to have endocrine-disrupting properties according to REACH article 57(f) or Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at level 0.1% or higher.

12.7 Other adverse effects

No additional information available.

SECTION 13: Disposal instructions

13.1 Waste treatment methods:

Waste treatment methods:

Dispose of contents/container in accordance with licensed collector's sorting instructions.

European List of Waste (LoW) code:

04 02 09 - wastes from composite materials (impregnated textile, elastomer, plastomer)

SECTION 14: Information relating to transport

14.1 UN number

The transport of this substance is not subject to regulations.

14.2 Proper cargo 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 in accordance with Annex II to MARPOL 73/78 and the IBC Code

Notes: Not applicable for product as supplied.

14.8 Information for each of the UN regulations

Transport of dangerous goods by road, rail or inland waterway (ADR/RID/ADN) - Additional information

Not subject to ADR, RID and ADN.

International Maritime Dangerous Goods Code (IMDG) - Additional information

Not subject to the IMDG.

International Civil Aviation Organisation (ICAO-IATA/DGR) - Additional information

Not subject to ICAO-IATA.

SECTION 15: Statutory information

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

EU regulatory information

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

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Contains no substance subject to REGULATION (EU) No 1005/2009 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 September 2009 on substances that deplete the ozone layer.
Contains no substance subject to Regulation (EU) 2019/1148 of the European Parliament and of the Council of 20 June 2019 on the marketing and use of explosives precursors.

VOC content:

0 %

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on drug precursors)

National regulations

No additional information available

15.2 Chemical safety assessment:

No chemical safety assessment has been carried out.

SECTION 16: Other information

Changes

This data sheet contains changes from the previous version in section(s): 1,2,3,4,6,7,9,10,11,12,14,15.

Contact MSDS: MSDS@Rhenoflex.com

Abbreviations and acronyms

| | |
|----------|---|
| AND: | European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways |
| ADR: | European Agreement concerning the International Carriage of Dangerous Goods by Road |
| ATE: | Acute Toxicity Estimate |
| BCF: | Bioconcentration factor |
| BLV: | Biological limit value |
| BOD: | Biochemical oxygen demand (BOD) |
| COD: | Chemical oxygen demand (COD) |
| DMEL: | Derived Minimal Effect level |
| DNEL: | Derived-No Effect Level |
| EC-No.: | European Community number |
| EC50: | Median effective concentration |
| EN: | European Standard |
| IARC: | International Agency for Research on Cancer |
| IATA : | International Air Transport Association |
| IMDG : | International Maritime Dangerous Goods |
| LC50: | Median lethal concentration |
| LD50: | Median lethal dose |
| LOAEL: | Lowest Observed Adverse Effect Level |
| NOAEC: | No-Observed Adverse Effect Concentration |
| NOAEL: | No-Observed Adverse Effect Level |
| NOEC: | No-Observed Effect Concentration |
| OECD: | Organisation for Economic Co-operation and Development |
| OEL : | Occupational Exposure Limit |
| PBT : | Persistent Bioaccumulative Toxic |
| PNEC: | Predicted No-Effect Concentration |
| RID: | Regulations concerning the International Carriage of Dangerous Goods by Rail |
| SDS: | Safety Data Sheet |
| STP: | Sewage treatment plant |
| ThOD: | Theoretical oxygen demand (ThOD) |
| TLM: | Median Tolerance Limit |
| VOC: | Volatile Organic Compounds |
| CAS-No.: | Chemical Abstract Service number |
| N.O.S.: | Not Otherwise Specified |

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vPvB: Very Persistent and Very Bioaccumulative
ED: Endocrine disrupting properties
DOT: Department of Transport
TDG: Transportation of Dangerous Goods
REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006
GHS: Globally Harmonized System of Classification, Labelling and Packaging of Chemicals
CAS: CAS (Chemical Abstracts Service) number
IBC-Code: International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk
CLP: Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
MARPOL 73/78: MARPOL 73/78: International Convention for the Prevention of Pollution From Ships
ADG: Transport of Australian Dangerous Goods

Further Information

Data of items 4 to 8, as well as 10 to 12, do partly not refer to the use and the regular employing of the product (in this sense consult information on use and on product), but to liberation of major amounts in case of accidents and irregularities.

The information describes exclusively the safety requirements for the product(s) and is based on the present level of our knowledge.

The delivery specifications are contained in the corresponding product sheet.

This data does not constitute a guarantee for the characteristics of the product(s) as defined by the legal warranty regulations.

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should therefore not be construed as guaranteeing any specific property of the product.

(n.a. = not applicable; n.d. = not determined)