

According to Regulation (EC) No. 1907/2006

Version 2.0 Revision Date 04.01.2022 Print Date 05.01.2022



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

1.1 Product Identifier Trade Name : Apex Resin® UV

1.2 Relevant identified uses of the substance or mixture and uses advised against
Identified uses UV Curing Resin for artwork/craft/creative applications.

1.3 Details of the supplier of the safety data sheet

Company : Just4youonlineUK Ltd

Telephone : +44(0) 7513119064

Web : just4youonlineuk.com

Address: Gainsborough Road, Warrington. Cheshire. WA4 6BZ United Kingdom

1.4 Emergency telephone number +44(0) 1925 695405

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture according to CLP no 1272/2008

Eye Irrit. 2, H319 Skin Irrit. 2, H315 Skin Sens. 1, H317

2.2 Label elements CLP No 1272/2008

Hazard Pictograms: GHS07



Signal Word: WARNING

Hazard Statement(s):

Eye Irrit. 2, H319

Skin Irrit. 2, H315

Skin Sens. 1, H317

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Precautionary Statements:

P261 Avoid breathing dust/fume/gas/mist/vapor/spray

P264 Wash thoroughly after handling

P272 Contaminated work clothing should not be allowed out of the workplace

P280 Wear protective gloves/protective clothing/eye protection/face protection

P303+361+353: IF ON SKIN (or hair) Remove/Take off immediately all contaminated clothing

Rinse skin with water/shower

P333+313: If skin irritation or a rash occurs: Get medical advice/attention

P362: Take off contaminated clothing and wash before reuse

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+313: If eye irritation persists get medical advice/attention

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

First Aid measures are listed in the event the product is not used as intended.

Following the usage instructions provided will ensure first aid measures are not likely needed.

General Information: If you are in doubt or any symptoms persist, seek medical attention

Inhalation: Remove to fresh air. If discomfort continues, seek medical attention

Skin contact: Wash skin with lotion or soapy water. Remove contaminated clothing. If skin allergies are caused. Stop contact and seek medical help.

Contact with eyes: As soon as possible with plenty of lukewarm water, rinse with copious amounts for at least 15 minutes. Get medical attention.

Ingestion: Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Keep individual calm. Get medical attention.

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SECTION 3: Composition/information of ingredients
CAS Numbers and other identifiers:

Chemical Name	CAS No.	EC No.	Concentration
Polyurethane acrylate prepolymer	Proprietary	/	55-80%
Hexamethylene diacrylate	13048-33-4	/	8-20%
Acrylate monomer	Proprietary	/	1-10%
Photoinitiator A: 2-hydroxy-2-methylpropiophenone	7473-98-5	/	1-10%
Photoinitiator B	Proprietary	/	1-5%
Additives	Proprietary	/	0.5-1%

SECTION 4 : First aid measures

4.1 Description of first aid measures

General Information: If you are in doubt or any symptoms persist, seek medical attention

Inhalation: Remove to fresh air. If discomfort continues, seek medical attention

Skin contact: Wash skin with lotion or soapy water. Remove contaminated clothing. If skin allergies are caused. Stop contact and seek medical help.

Contact with eyes: As soon as possible with plenty of lukewarm water, rinse with copious amounts for at least 15 minutes. Get medical attention.

Ingestion: Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Keep individual calm. Get medical attention.

4.2 Signs of immediate medical attention and special treatment:

no information available.

SECTION 5 : Firefighting measures

5.1 Extinguishing media:

Foam, sand, Carbon dioxide(Co2), water mist.

Unsuitable extinguishing media: Water spray jet

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5.2 Special hazards arising from the substance or mixture:

Special hazards during fires :

1. Under high temperature, the pressure inside the sealed container will increase.
2. Cool closed containers exposed to fire with water spray.

5.3 Advice for firefighters

1. Special protective equipment or firefighters: In the event of a fire, wear self-contained breathing apparatus and use personal protective equipment.

2. Further information: Do not inhale fumes in the event of fire or explosion. Use fire-fighting measures appropriate to the local environment

Immediately evacuate personnel to a safe area. To prevent fire water from contaminating the surface water system, fire residues and contaminated fire water must be disposed of in accordance with local regulations.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

6.1 Personal precautions:

1. Refer to the protective measures listed in Articles 7 and 8.
2. Disperse personnel into a safe area.
3. Use personal protective equipment.
4. Ensure adequate ventilation.

6.2 Environmental precautions

1 If there is a large amount of gas leaking or entering the waterway, soil or drain, it should be notified to the relevant government departments.

2. Do not allow products to be discharged into the environment uncontrolled.

6.3 Methods and materials for separation and cleaning:

Cleaning method:

1. Soak with inert absorbent material (sand, silica gel, acid binder, universal adhesive, etc.).
2. Contain spillage, then collect with non-combustible adsorbent material (sand, earth, diatomaceous earth, silver mud mica), place in a container, and dispose of it according to local national regulations (see Section 13). Go to the container labelled with the appropriate label.

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**6.4 Refer to other sections:**

See section 8 for personal protection.

SECTION 7: Handling and storage**7.1 Safety Handling Precautions:**

1. Provide adequate air exchange or exhaust in the workroom.
2. Avoid prolonged inhalation, ingestion/eye/skin contact
3. Anyone with a history of skin allergies or asthma, chronic or recurrent respiratory disease should not use the product in any location.

Fire and explosion protection recommendations: Keep away from open flames, hot surfaces and sources of ignition.

Hygiene measures: Provide adequate ventilation and wash hands immediately before and after using this product.

7.2 Safe storage conditions, including any incompatibilities

Use in a well-ventilated place, prohibit the use of this product in high heat, freezing, sparks, flame, body and clothing in direct contact.

Storage: Cool and dry place, poured product should not be returned to the original container.

Other data: Areas where normal temperature and pressure are stable.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters Contains no substances with occupational exposure limit values. Derived No Effect Level (DNEL) according to Regulation (EC) No. 1907/2006

2. Predicted No Effect Concentration (PNEC) according to Regulation (EC) No. 1907/2006

Sewage treatment plant Value: 10 mg/l

Fresh water Value: 0,006 mg/l

Fresh water sediment Value: 0,996 mg/kg

Marine water Value: 0,0006 mg/l

Marine sediment Value: 0,0996mg/kg

Soil Value: 0,196 mg/kg

Intermittent releases Value 0,018 mg/l

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8.2 Exposure controls

Engineering measures

Effective exhaust ventilation system effective ventilation in all processing areas

Personal protective equipment

Eye protection :

1. Do not wear contact lenses
2. Safety glasses with side-shields conforming to EN166
3. Ensure that eyewash stations and safety showers are close to the workstation location.

Hand protection

Material

1. Chemical resistant gloves made of butyl rubber or nitrile rubber category III according to EN 374.

Skin and body protection :

1. Protective suit

Respiratory protection

If adequate ventilation is not possible use a respirator with an approved filter. Respirator with a vapour filter (EN 141)

Apply technical measures to comply with the occupational exposure limits. This should be achieved by a good general extraction and if practically feasible by the use of a local exhaust ventilation.

Protective measures

1. Avoid contact with skin.
2. Wear suitable protective equipment

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SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties :

Appearance : liquid

Colour : Transparent

Odour : No

Odour Threshold : not determined

pH : not determined

Melting point/freezing point : not determined

Boiling point/boiling range : Greater than 149°C (300°F)

Flash point : Greater than 149°C (300°F)

Evaporation rate : not determined

Upper explosion limit : not determined

Lower explosion limit : not determined

Vapour pressure : not determined

Relative vapour density : not determined

Density : 1,15 g/cm³ (25 °C)

Bulk density : not determined

Solubility (ies)

Solubility in other solvents : not determined

Partition coefficient: n- : octanol/water : No data available

Auto-ignition temperature : Not applicable

Thermal decomposition : Not applicable

Method : No data available

Viscosity : 1000-2000mPa.s (25 °C)

Viscosity, kinematic : not determined

Explosive properties : Not applicable

Oxidizing properties : Not applicable

9.2 Other information

Surface tension : Not determined

Sublimation point : Not applicable

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SECTION 10: Stability and reactivity

10.1 Reactivity

Stable under recommended storage conditions.

10.2 Chemical stability

No decomposition if stored and applied as directed.

10.3 Possibility of hazardous reactions

Hazardous reactions

Reacts with the following substances : Bases

Strong oxidizing agents

Avoid amines.

10.4 Conditions to avoid

Conditions to avoid :

Exposure to sunlight, heat, flames and sparks

No decomposition if used as directed.

10.5 Incompatible materials

Materials to avoid : Incompatible with oxidizing agents.

10.6 Hazardous decomposition products

Hazardous decomposition products : This product may release the following: Carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke).

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Non-toxic and tasteless

Product : Non-toxic and tasteless

Remarks : No data available

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Skin corrosion/irritation

Product: No

Remarks: No data available

Components:

This product has not been tested. Judgements on the expected toxicity have been made based on considerations of its components.

Product toxicity data: Acute LD50 (oral): 5000 (rat). (estimated). Acute dermal LD50 greater than 2000 mg/kg (rabbit) (estimated).

Species: Rabbit

Exposure time: 4 h

Method: OECD Test Guideline 404 Result: Skin irritation

GLP: yes

Serious eye damage/eye irritation

Product:

Remarks: No data available

Respiratory or skin sensitisation

Product:

Remarks: No data available

Components:

Test Type: Mouse Local Lymph Node assay (LLNA)

Species: Mouse

Method: OECD Test Guideline 429 Result: May cause sensitisation by skin contact

GLP: yes

Germ cell mutagenicity

Carcinogenicity

Reproductive toxicity

STOT -single exposure

Product: Remarks: Not applicable

STOT -repeated exposure

Repeated dose toxicity

Product:

Remarks: No data available

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Aspiration toxicity

Components:

No aspiration toxicity classification

Further information

Product:

Remarks: No data available

SECTION 12: Ecological information

Additional Information: Amines in general may be harmful to aquatic organisms.

Aquatic Toxicity: No further relevant information available

Persistence and Degradability: No further relevant information available.

Biocumulative Potential: No further relevant information available.

Mobility in Soil: No further relevant information available.

12.2 Persistence and degradability

Product

Biodegradability : Remarks: No data available

Components :

Biodegradability :

Result: Not readily biodegradable. Method: OECD Test Guideline 301F

GLP: yes

12.3 Bioaccumulative potential

Product:

Bioaccumulation : Remarks: No data available

12.4 Mobility in soil No data available

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SECTION 13: Disposal considerations

Waste Disposal Method: Dispose of in accordance with federal, state and/or local regulations

Not a hazardous waste

SECTION 14: Transport information

DOT ,ADR AND IMDG ,IATA: Non-hazardous for transport

Hazard Class under:

DOT ,ADR AND IMDG ,IATA: Non-hazardous for transport

Marine Pollutant: Non-hazardous for transport

Notes: Not regulated under DOT, ADR, AND, IMDG, IATA

SECTION 15: Regulatory information

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

Sources:

Pressure Equipment (Amendment) Regulations 2011. Chemicals (Hazard Information and Packaging for Supply) Regulations 2009. Control of Substances Hazardous to Health Regulations 2002 (as amended). Merchant Shipping (Dangerous Goods and Marine Pollutants) Regulations 1997. Reporting of Injuries, Diseases and Dangerous Occurrences Regulations 1995 (as amended). Personal Protective Equipment Regulations 2002. Personal Protective Equipment at Work Regulations 1992. Hazardous Waste (England and Wales) Regulations 2005(as amended). EC regulation 1907/2006 (REACH) Directive 2000/532/EC. Seveso directive: 96/82/EC. EU 830/2015. CLP 1272/2008.

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15.2 Chemical safety assessment

Chemical safety assessments have not been performed for this product.

SECTION 16: Other information

Full text of H-phrases as mentioned in section 3:

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H319: Causes serious eye irritation.

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Resource Conservation and Recovery Act (RCRA):

Not a hazardous waste under RCRA (40 CFR 261).

Toxic Substances Control Act (TSCA):

All ingredients are on the TSCA inventory and are exempt as per 40CFR723.50 Low Volume Exemption(LVE) and Low Environmental Release and Low Human Exposure Exemption (LoREX).

SARA Title III: Section 304 - CERCLA: Not listed.

SARA Title III: Section 313 Toxic Chemical List (TCL):

This product does NOT contain a toxic chemical for routine annual "Toxic Chemical Release Reporting" under Sec. 313 (40 CFR 372). This information must be included in all SDSs that are copied and distributed for this material.

Proposition 65 (Safe Drinking Water and Toxic Chemicals Act):

None of the components of this formula are known to cause cancer, birth defects or other reproductive harm.

This product complies with ASTM D4236. Revision date: April 2019 - All rights reserved

Legal disclaimer

The above information is believed to be correct but does not purport to be all inclusive and shall only be used as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.

Notice to reader

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