

Safety Data Sheet: AD88 Rokat UV 5 g & AD89 Rokat UV 20 g



SDS completed: 29/3/2022

Version: 2

Supersedes SDS dated:

09/12/2021 Version: 1

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

1.1. Product identifier

Rokat UV

UFI: C440-G0UK-7008-74S5

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

UV Light Curing Adhesive

1.3. Details of the supplier of the safety data sheet

Deluxe Materials Ltd

Unit 12 & 13, Cufau de Business Park,

Cufau de Lane, Bramley, Hampshire,

RG26 5DL, United Kingdom

Contact the Safety Officer:

Telephone: +44 (0) 1256 883944

Email: john@deluxematerials.com

1.4. Emergency telephone number

For urgent medical help or advice, contact the NHS by calling 111.

For product-related advice, call +44 (0) 1256 883944

(0900-1700 Mon-Fri excl. Bank Holidays)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification in accordance with Regulation (EC) No 1272/2008:

Repr. 2; H361f: Suspected of damaging fertility (causing atrophy of the testes)

Skin Irrit. 2; H315: Causes skin irritation

Eye Irrit. 2; H319: Causes serious eye irritation

STOT SE 3; H335: May cause respiratory irritation

Aquatic Chronic 2; H411: Toxic to aquatic life with long lasting effects

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2.2. Label elements

Label elements in accordance with Regulation (EC) No 1272/2008:

Hazard pictogram:

GHS07, GHS08, GHS09



Signal word:

Warning

Hazard statements:

H361f: Suspected of damaging fertility (causing atrophy of the testes)

H315: Causes skin irritation

H319: Causes serious eye irritation

H335: May cause respiratory irritation

H411: Toxic to aquatic life with long lasting effects

Precautionary statements:

P101: If medical advice is needed, have product container or label at hand.

P102: Keep out of reach of children.

P103: Read label before use.

P261: Avoid breathing vapours.

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

P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

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

P405: Store locked up.

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

2.3. Other hazards

This mixture does not meet the criteria for PBT or vPvB

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Hazardous components:

Chemical Name	CAS/EC /REACH Number	Classification in accordance with Regulation (EC) No 1272/2008	Concentration (%)
Exo-1,7,7-trimethylbicyclo[2.2.1]hept-	CAS: 5888-33-5	Aquatic Chronic 2, H411; Skin	50

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2-yl acrylate	EINECS: 227-561-6	Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335	
2-Oxepanone, polymer with 2-ethyl-2-(hydroxymethyl)-1,3-propanediol and 5-isocyanato-1-(isocyanatomethyl)-1,3,3-trimethylcyclohexane, 2-hydroxyethyl acrylate-blocked	CAS: 68987-79-1	Skin Irrit. 2, H315; Skin Sens. 1, H317; Eye Dam. 1, H318; STOT SE 3, H335	30 - 40
2,2-bis[[(mercaptacetate)oxy]methyl]-1,3-propanediyl bis(mercaptoacetate)	CAS: 10193-99-4 EINECS: 233-482-8	Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335	<10
diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide	CAS: 75980-60-8 EINECS: 278-355-8 Index number: 015-203-00-X	Repr. 2, H361f	<5
29H,31H-phthalocyaninato(2-)-N29,N30,N31,N32 copper substance with a Community workplace exposure limit	CAS: 147-14-8 EINECS: 205-685-1	Not classified	<1

Please refer to section 16 for full text of hazard phrases if not displayed in section 2 or 3.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation: Remove from source of exposure to fresh air. Seek medical advice if symptoms persist or develop.

Skin contact: Rinse immediately with plenty of water. Wash contaminated clothing. Seek medical advice if symptoms persist or develop.

Eye contact: Irrigate with copious amounts of clean water for at least 10 minutes. Seek medical advice if symptoms persist or develop.

Ingestion: Rinse mouth with water and give water to drink. Do not induce vomiting. Do not give anything by mouth to an unconscious person. Seek medical advice if symptoms persist or develop.

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

Product can cause skin sensitisation and irritation to skin and eyes. Product can cause respiratory irritation.

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

The mixture is not classified as flammable. Suitable extinguishing media: Carbon dioxide, dry chemical or foam.

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5.2. Special hazards arising from the substance or mixture

None known.

5.3. Advice for firefighters

In the event of fire, wear self-contained breathing apparatus and chemical protective suit. Continuously monitor reaction. Cool containers with water spray. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Prevent contact with skin and eyes. Wear protective goggles with side shields and protective gloves and clothing. Ensure adequate ventilation. Evacuate area/limit access to spill.

6.2. Environmental precautions

Do not allow product to enter watercourse. If product enters watercourse in large quantities, contact the Environment Agency immediately.

6.3. Methods and material for containment and cleaning up

Remove all ignition sources. Maximise ventilation. Scrape up as much material as possible. Clean residue with soap and water. Store in a closed container until ready for disposal. Dispose in accordance with pertinent national legislation.

6.4. Reference to other sections

See section 8 for personal protection.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Prevent contact with skin and eyes. Wear protective gloves, eye protection and protective clothing. Avoid inhalation of vapours. Ensure adequate ventilation. Wash hands thoroughly after handling. Do not eat, drink or smoke whilst using this product.

7.2. Conditions for safe storage, including any incompatibilities

Store in original container until ready to use. Keep away from light. Store locked up.

7.3. Specific end use(s)

Read label before use.

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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Ingredients with limit values that require monitoring at the workplace:

147-14-8 29H,31H-phthalocyaninato(2-)-N29,N30,N31,N32 copper (0.2%)

WEL (Great Britain): EH40/2018

Short-term value: 2 mg/m³

Long-term value: 1 mg/m³

dusts and mists, as Cu

8.2. Exposure controls

Engineering Measures: Use local exhaust ventilation to maintain airborne concentrations below established exposure limits.

Respiratory Equipment: Use a NIOSH approved air-purifying respirator if the potential to exceed established exposure limits exists.

Hand Protection: Chemical resistant, impermeable gloves.

Eye Protection: Chemical splash goggles or safety glasses with side shields.

Skin Protection: Coveralls/apron/protective clothing recommended when large quantities are involved or where splashing may occur.

Hygiene Measures: Wash hands thoroughly after handling. Do not eat, drink or smoke whilst using this product.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance: Clear blue liquid

Odour: Low

Odour threshold: Information not available

pH: Information not available

Melting point/freezing point: Information not available

Initial boiling point and boiling range: Information not available

Flash point: Information not available

Evaporation rate: Information not available

Flammability: Information not available

Upper/lower flammability or explosive limits: Information not available

Vapour pressure: Information not available

Vapour density: Information not available

Specific gravity : Information not available

Solubility: Information not available

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Partition coefficient: n-octanol/water: Information not available
Auto-ignition temperature: Information not available
Decomposition temperature: Information not available
Viscosity (cps): Information not available
Explosive properties: Product not classified as explosive
Oxidising properties: Product not classified as oxidising

9.2. Other information

None specified.

SECTION 10: Stability and reactivity

10.1. Reactivity

Information not available.

10.2. Chemical stability

Unstable in light or heat.

10.3. Possibility of hazardous reactions

Information not available.

10.4. Conditions to avoid

Excessive heat. Direct sunlight. Moisture. Storage with incompatible materials.

10.5. Incompatible materials

Strong oxidizers. Strong acids. Strong bases.

10.6. Hazardous decomposition products

Information not available.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

LD/LC50 values relevant for classification:
147-14-8 29H,31H-phthalocyaninato(2-)-N29,N30,N31,N32 copper
Oral LD50 15,000 mg/kg (rat)

· *Skin corrosion/irritation:*

Causes skin irritation.

· *Serious eye damage/irritation:*

Causes serious eye irritation.

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- *Respiratory or skin sensitization*: Based on available data, the classification criteria are not met.
- *Germ cell mutagenicity*: Based on available data, the classification criteria are not met.
- *Carcinogenicity*: Based on available data, the classification criteria are not met.
- *Reproductive toxicity*

Suspected of damaging fertility (causing atrophy of the testes).

- *STOT-single exposure*

May cause respiratory irritation.

- *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

Toxic to aquatic life with long lasting effects.

12.2. Persistence and degradability

Information not available.

12.3. Bioaccumulative potential

Information not available.

12.4. Mobility in soil

Information not available.

12.5. Results of PBT and vPvB assessment

Information not available.

12.6. Other adverse effects

Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water
Do not allow product to reach ground water, water course or sewage system.
Danger to drinking water if even small quantities leak into the ground.
Also poisonous for fish and plankton in water bodies. Toxic for aquatic organisms.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Dispose of in accordance with local regulations. Do not allow entry into sewers or watercourses.

SECTION 14: Transport information

14.1. UN number

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UN3082

14.2. UN proper shipping name

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Exo-1,7,7-trimethylbicyclo[2.2.1]hept-2-yl acrylate)

14.3. Transport hazard class(es)

9

14.4. Packing group

III

14.5. Environmental hazards

Toxic to aquatic life with long lasting effects

14.6. Special precautions for user

Not applicable

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable

SECTION 15: Regulatory information

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

This mixture is classified and labelled in accordance with 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.

15.2. Chemical safety assessment

Chemical safety assessment not undertaken for this product.

SECTION 16: Other information

Full text of hazard statements not displayed in section 2 or 3:

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.

H361f Suspected of damaging fertility (causing atrophy of the testes).

H411 Toxic to aquatic life with long lasting effects.

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This Safety Data Sheet is prepared in compliance with Regulation (EC) No 1907/2006 as amended by COMMISSION REGULATION (EU) 2015/830.

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