

Rev No 6

Issue Date: 05.02.2024

Print Date: 12.02.2024

MATERIAL: Esprit UV5SF Resin 5ml

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

1.1 **Product Name:** Esprit UV5SF Resin 5ml

Supplier: Esprit Windscreen Repair Equipment Ltd
Unit 44 Winpenny Road
Parkhouse Industrial Estate East
Newcastle Under Lyme
Staffordshire
ST5 7RH
United Kingdom

Tel. +44 (0)1782 565811

Email. sales@espritws.com

1.3 **Emergency Telephone:** During regular office hours +44 (0)1782 565811; all other times call your local Poison Control Center

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the Substance or Mixture:

Classification (Regulation (EC) No. 1272/2008)

Skin Irrit. 2 H315

Eye Irrit. 2 H319

Skin Sens. 1 H317

STOT SE 3 H335

Aquatic Acute 1 H400

Aquatic Chronic 1 H410

The product is classified and labelled in accordance with Regulation (EC) No 1272/2008 For explanation of abbreviations see section 16.

2.2 Label Elements:

Hazard labelling pursuant to EC Regulation 1272/2008 (CLP) and subsequent amendments and supplements.

Hazard pictograms



Signal word

Warning

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Hazard statements

H315 Causes skin irritation.
H319 Causes serious eye irritation.
H317 May cause an allergic skin reaction
H335 May cause respiratory irritation.
H410 Very toxic to aquatic life with long lasting effects.

Precautionary statements

P261.9 Avoid breathing vapours/spray.
P273 Avoid release to the environment.
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.
P501.A Dispose of waste according to applicable legislation.

Hazardous component(s) to be indicated on label (Regulation (EC) No. 1272/2008)

Contains 2-Hydroxyethyl methacrylate; Isobornyl acrylate

2.3 Other Hazards:

No special hazards have to be mentioned.

The product contains no PBT substances. The product contains no vPvB substances. This product does not contain a substance that has endocrine disrupting properties with respect to human. The product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances:

Chemical characterization

Esprit UV5SF Resin 5ml

Hazardous ingredients

Isobornyl acrylate

CAS No.	5888-33-5
EINECS no.	227-561-6
Registration no.	01-2119957862-25
Concentration	>= 25 < 50 %

Classification (Regulation (EC) No. 1272/2008)

Aquatic Acute 1	H400
Skin Irrit. 2	H315
Eye Irrit. 2	H319

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STOT SE 3	H335
Skin Sens. 1B	H317
Aquatic Chronic 1	H410

2-Hydroxyethyl methacrylate

CAS No.	868-77-9
EINECS no.	212-782-2
Registration no.	01-2119490169-29
Concentration	>= 25 < 50 %

Classification (Regulation (EC) No. 1272/2008)

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

Additional remarks:

CLP Regulation (EC) No 1272/2008, Annex VI, Note D

2-Hydroxy-2-methylpropiophenone

CAS No.	7473-98-5
EINECS no.	231-272-0
Registration no.	01-2119472306-39
Concentration	>= 1 < 10 %
Classification (Regulation (EC) No. 1272/2008)	
Acute Tox. 4	H302
Aquatic Chronic 3	H412
ATE oral	1.694 mg/kg

3.2 Mixtures:

N/A

SECTION 4: FIRST AID MEASURES

4.1 Description of First Aid Measures:

General information

Remove contaminated, soaked clothing immediately and dispose of safely. Adhere to personal protective measures when giving first aid. In any case show the physician the Safety Data Sheet.

After inhalation

Ensure supply of fresh air. When vapours are intensively inhaled, seek medical help immediately.

After skin contact

Wash off immediately with soap and water. Consult a doctor if skin irritation persists.

After eye contact

Separate eyelids, wash the eyes thoroughly with water (15 min.). Summon a doctor immediately.
After ingestion

If swallowed

Seek medical advice immediately and show this container or label. Rinse mouth thoroughly with water. Let plenty of water be drunk in small gulps. Do not induce vomiting.

Adhere to personal protective measures when giving first aid

First aider: Pay attention to self-protection!

4.2 Most Important Symptoms and Effects, both Acute and Delayed:

Until now no symptoms known so far

4.3 Indication of any Immediate Medical Attention and Special Treatment Needed:

Hints for the physician / hazards

In the case of swallowing with subsequent vomiting, aspiration of the lungs can occur which can lead to chemical pneumonia or asphyxiation.

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing Media:

Suitable extinguishing media

Dry powder, Carbon dioxide, Foam

Non suitable extinguishing media

Full water jet

5.2 Special Hazards Arising from the Substance or Mixture:

In case of combustion evolution of dangerous gases possible.

5.3 Advice for Firefighters:

Special protective equipment for fire-fighting

Do not inhale explosion and/or combustion gases. In case of combustion use a suitable breathing apparatus.

Other information

Collect contaminated fire-fighting water separately, must not be discharged into the drains. Fire residues and contaminated fire-fighting water must be disposed of in accordance with the local regulations.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions, Protective Equipment and Emergency Procedures:

Avoid contact with skin, eyes and clothing. Refer to protective measures listed in Sections 7 and 8.

6.2 Environmental Precautions:

Prevent spread over a wide area (e.g. by containment or oil barriers). Do not discharge into the drains/surface waters/groundwater. In case the product spills into sewage waters, immediately inform

the authorities.

6.3 Methods and Material for Containment and Cleaning-Up:

ick up with absorbent material. Dispose of absorbed material in accordance with the regulations.

6.4 Reference to Other Sections:

Refer to protective measures listed in Sections 7 and 8.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for Safe Handling:

Advice on safe handling

Avoid formation of aerosols. Provide good ventilation of working area (local exhaust ventilation if necessary). Keep container tightly closed. Observe the usual precautions for handling chemicals.

7.2 Conditions for Safe Storage, Including and Incompatibilities:

Requirements for storage rooms and vessels

Keep in original packaging, tightly closed. Storage rooms must be properly ventilated. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Provide solvent-resistant and impermeable floor.

Storage classes

Storage class according to TRGS 510 10 Flammable liquids
Further information on storage conditions

Keep container tightly closed and dry in a cool, well-ventilated place. Protect from heat and direct sunlight. Observe TDS precautions.

7.3 Specific End Use(s):

Adhesive agent

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control Parameters:

Other information

There are not known any further control parameters.

8.2 Exposure Controls:

General protective and hygiene measures

Hold eye wash fountain available. Do not inhale gases/vapours/aerosols. Avoid contact with skin and eyes. Do not eat, drink or smoke during work time. Wash hands before breaks and after work. Clean skin thoroughly after work; apply skin cream.

Respiratory protection

In case of insufficient ventilation, wear suitable respiratory equipment. Short term: filter apparatus, Filter A

Hand protection

Chemical resistant gloves

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Use	Short-term hand contact
Appropriate Material	Nitrile
Material thickness	$\geq 0,4$ mm
Breakthrough time	> 480 min
Eye protection	Safety glasses with side protection shield
Body protection	Clothing as usual in the chemical industry.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on Basic Physical and Chemical Properties:

Physical state	liquid
Colour	colourless
Odour	characteristic
Melting point	
Remarks	not determined
Boiling point or initial boiling point and boiling range	
Remarks	not determined
Flammability	not determined
Upper and lower explosive limits	
Remarks	not determined
Flash point	> 100 °C
Auto-ignition temperature	
Remarks	not determined
Decomposition temperature	
Remarks	not determined
pH value	
Remarks	not determined
Viscosity	1000 mPa.s
Temperature	25 °C
Solubility(ies)	
Remarks	not determined
Partition coefficient n-octanol/water (log value)	
Remarks	not determined
Vapour pressure	
Remarks	not determined
Density and/or relative density	
Value	1,1 g/cm ³
Temperature	25 °C
Relative vapour density	
Remarks	not determined
9.2 Other Information:	
Odour threshold	
Remarks	not determined
Evaporation rate (ether = 1)	
Remarks	not determined
Solubility in water	
Remarks	not determined
Explosive properties	

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evaluation	not determined
Oxidising properties	
Remarks	not determined
Other information	
None known	

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity:

No hazardous reactions when stored and handled according to prescribed instructions.

10.2 Chemical Stability:

No hazardous reactions known.

10.3 Possibility of Hazardous Reactions:

No hazardous reactions known.

10.4 Conditions to Avoid:

No hazardous reactions known.

10.5 Incompatible Materials:

None known

10.6 Hazardous Decomposition Products:

such as carbon monoxide and dioxide, smoke, oxides of nitrogen etc.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on Toxicological Effects:

Acute oral toxicity

Esprit UV5SF Resin 5ml

ATE	> 10.000 mg/kg
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Method	calculated value according to GHS (e.g see UN GHS)
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Acute oral toxicity (Components)

2-Hydroxy-2-methylpropiophenone

Species	Rat
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LD50	1694 mg/kg
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Acute inhalational toxicity

Remarks	not determined
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Skin corrosion/irritation

Remarks	not determined
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Serious eye damage/irritation

Remarks	not determined
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Sensitization

Remarks	not determined
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Sensitization (Components)

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2-Hydroxy-2-methylpropiophenone

Route of exposure dermal

Species guinea pig

Evaluation non-sensitizing

Subacute, subchronic, chronic toxicity

Remarks not determined

Mutagenicity

Remarks not determined

Reproductive toxicity

Remarks not determined

Carcinogenicity

Remarks not determined

Specific Target Organ Toxicity (STOT)

Remarks not determined

11.2 Information on Other Hazards:

N/A

11.2.1 Endocrine Disrupting Properties

The product does not contain a substance that has endocrine disrupting properties with respect to humans.

11.2.2 Other Hazards:

No toxicological data are available.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity:

General information

not determined

Fish toxicity (Components)

2-Hydroxy-2-methylpropiophenone

Species golden orfe (*Leuciscus idus*)

LC50 160 mg/l

Duration of exposure 48 h

Daphnia toxicity (Components)

2-Hydroxy-2-methylpropiophenone

Species *Daphnia magna*

EC50 > 119 mg/l

Duration of exposure 48 h

Algae toxicity (Components)

2-Hydroxy-2-methylpropiophenone

Species *Scenedesmus subspicatus*

EC50 1,95 mg/l

Duration of exposure 72h

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2-Hydroxy-2-methylpropiophenone
Species Scenedesmus subspicatus
EC10 0,629 mg/l
Duration of exposure 72 h

12.2 Persistence and Degradability:
not determined

12.3 Bioaccumulative Potential:
not determined

12.4 Mobility in Soil:
not determined

12.5 Results of PBT and vPvB Assessment:
not determined

The product contains no PBT substances The product contains no vPvB substances.

12.6 Endocrine disrupting properties:

General information

There is no data available on the product apart from the information given in this subsection.

Endocrine disrupting properties with respect to the environment

The product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms.

12.7 Other Adverse Effects:

General information

not determined

General information / ecology

Do not allow to enter soil, waterways or waste water canal. Avoid release into the atmosphere.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste Treatment Methods:

Disposal recommendations for the product

EWC waste code 08 04 09*

waste adhesives and sealants containing organic solvents or other dangerous substances

Dispose of waste according to applicable legislation.

Disposal recommendations for packaging

EWC waste code 15 01 10*

packaging containing residues of or contaminated by dangerous substances.

Packaging that cannot be cleaned should be disposed off in agreement with the regional waste disposal company.

SECTION 14: TRANSPORT INFORMATION

14.1 UN Number:

UN3082

14.2 UN Proper Shipping Name:

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Isobornyl acrylate)

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14.3 Transport Hazard Class(es):

Class 9

Label



14.4 Packing Group:

Packing Group III

Land transport ADR/RID:

The product is not subject to any other provisions of ADR provided packaging of not more than 5 l / 5 kg

Marine transport IMDG/GGVSee:

The product can be transported in accordance with IMDG Code paragraph 2.10.2.7, provided packaging not more than 5 l / 5 kg

Air transport ICAO/IATA:

The product is not subject to any other provisions of IATA provided packaging of not more than 5 l / 5 kg (A197)

Limited quantity: 5L Transport category: 3

14.5 Environmental Hazards:

Land transport ADR/RID:



ENVIRONMENTALLY HAZARDOUS

Tunnel restriction code -

Marine transport IMDG/GGVSee:



Marine Pollutant

Air transport ICAO/IATA:



Environmentally hazardous

14.6 Special Precautions for User:

The relevant transport regulations have to be considered.

14.7 Maritime transport in bulk according to IMO instruments:

Not relevant

SECTION 15: REGULATORY INFORMATION

15.1 Safety, Health & Environmental Regulations/Legislation Specific for the Substance or Mixture:
VOC

VOC (EU) 0 % 0 g/l

Other information

All components are contained in the TSCA inventory or exempted. All components are contained in the IECSC inventory.

All components are contained in the ECL inventory.

All components are contained in the DSL inventory.

15.2 Chemical Safety Assessment:

For this preparation a chemical safety assessment has not been carried out.

SECTION 16: OTHER INFORMATION

Hazard statements listed in Chapter 3

H302	Harmful if swallowed.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

CLP categories listed in Chapter 3

Acute Tox. 4	Acute toxicity, Category 4
Aquatic Acute 1	Hazardous to the aquatic environment, acute, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment, chronic, Category 1
Aquatic Chronic 3	Hazardous to the aquatic environment, chronic, Category 3
Eye Irrit. 2	Eye irritation, Category 2
Skin Irrit. 2	Skin irritation, Category 2
Skin Sens. 1	Skin sensitization, Category 1

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Skin Sens. 1B
STOT SE 3

Skin sensitization, Category 1B
Specific target organ toxicity - single exposure, Category 3

DISCLAIMER

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