

Ultrabind Catalyst

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

1.1. Product identifier

Trade name

Ultrabind Catalyst

Name of the chemical

Polyurethane Catalyst

Article No.

ULC001

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

Product type

Catalyst.

Relevant identified uses

PC9a - Coatings and paints, thinners, paint removers. PC1 - Adhesives, sealants.

1.3. Details of the supplier of the safety data sheet

Manufacturer

Resincoat Ltd

Street address

Unit 21a

Kinsley Industrial Estate

Hoyle Mill Road

WF95JB Kinsley

United Kingdom

Telephone

03300570695

Email

info@resincoat.co.uk

Web site

<https://www.resincoat.co.uk/>

Ultrabind Catalyst

Only representative

Resincoat Ltd

Street address

Unit 21a

Kinsley Industrial Estate

Hoyle Mill Road

WF95JB Kinsley

United Kingdom

Telephone

03300570695

Email

info@resincoat.co.uk

Web site

<https://www.resincoat.co.uk/>

1.4. Emergency telephone number**Poison center/Additional emergency number**

+44 20 7188 7188 - Guy's & St Thomas' Poisons Unit

0344 892 0111 - National Poisons Information Service (Newcastle Centre)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture**Classification according to Regulation (EC) No 1272/2008****Classification**

Skin sensitisation, hazard category 1

Germ cell mutagenicity, hazard category 2

Reproductive toxicity, hazard category 1B

Specific Target Organ Toxicity – Single exposure, hazard category 2

Specific Target Organ Toxicity – Repeated exposure, hazard category 2

Hazard statements

H317, H341, H360FD, H371, H373

Ultrabind Catalyst

2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008

Hazard pictograms



Signal word

Danger

Hazard statements

- H317 May cause an allergic skin reaction.
H341 Suspected of causing genetic defects.
H360FD May damage fertility. May damage the unborn child
H371 May cause damage to organs
H373 May cause damage to organs through prolonged or repeated exposure

Precautionary statements

- P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P302 + P350 IF ON SKIN: Gently wash with plenty of soap and water.
P314 Get medical advice/attention if you feel unwell.
P405 Store locked up.

2.3. Other hazards

This product does not contain any PBT or vPvB substances.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical name	CAS No. EC No. REACH No. Index No.	Concentration	Classification	H-phrase M factor acute M factor chronic	Note
Dibutyltin dilaurate	77-58-7 201-039-8 - -	0 - ≤10%	Skin Sens. 1, Eye Irrit. 2, Muta. 2, STOT SE 1, STOT RE 1, Aquatic Acute 1, Repr. 1B	H317, H319, H341, H360Fd., H370, H372, H400 M-acut=1 -	-

Substance additional information

For the complete text of H- / EUH-statements mentioned in this section, see section 16.

Ultrabind Catalyst

SECTION 4: First aid measures

4.1. Description of first aid measures

No special precautions.

Inhalation

Move into fresh air and keep at rest. If experiencing respiratory symptoms: Call a POISON CENTER/doctor.

Skin contact

IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention.

Eye contact

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

Ingestion

Rinse mouth with water. Contact physician if irritation persists.

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

May cause an allergic skin reaction. Causes damage to organs (immune system) through prolonged or repeated exposure if inhaled and in contact with skin.

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog.

5.2. Special hazards arising from the substance or mixture

May develop highly toxic or corrosive fumes if heated.

5.3. Advice for firefighters

Special protective equipment for fire-fighters

Use air-supplied respirator, gloves and protective goggles. Self contained breathing apparatus and full protective clothing must be worn in case of fire.

Ultrabind Catalyst

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

If leakage cannot be stopped, evacuate area. In case of inadequate ventilation, use respiratory protection. Use protective gloves, goggles and suitable protective clothing.

6.2. Environmental precautions

Do not allow to enter drains, sewers or watercourses.

6.3. Methods and material for containment and cleaning up

Scrape up spillage or absorb with absorbing material. Collect spillage in containers, seal securely and deliver for disposal according to local regulations.

6.4. Reference to other sections

No data available

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Preventive handling precautions

Avoid inhalation of vapours and contact with skin and eyes.

General hygiene

Observe good chemical hygiene practices. Wash hands before breaks and before smoking, eating or drinking.

7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed original container in a well-ventilated place. Keep away from food, drink and animal feeding stuffs.

7.3. Specific end use(s)

No data available

Ultrabind Catalyst

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

National occupational exposure limits

Ingredient	CAS No. EC No.	Exposure limit ppm / mg/m ³	Short-term exposure limit ppm / mg/m ³	Source	Remark	Year
Dibutyltin dilaurate	77-58-7 201-039-8	- 0.1	- 0.2	HSE: EH40/2005 Workplace exposure limits	-	2002

8.2. Exposure controls

Appropriate engineering controls

If ventilation is insufficient, suitable respiratory protection must be provided.

Eye / face protection

Wear approved, tight fitting safety glasses where splashing is probable.

Hand protection

The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material.

Other skin protection

Change work clothing daily before leaving work place.

Environmental exposure controls

Do not discharge into drains, water courses or onto the ground.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state

Liquid

Colour

Yellow.

Odour

mineral oil

Melting point / freezing point

No data available

Ultrabind Catalyst

Boiling point or initial boiling point and boiling range

No data available

Flammability

No data available

Lower and upper explosion limit

No data available

Flash point

> 93 °C

Auto-ignition temperature

No data available

Decomposition temperature

No data available

pH

8

Kinematic viscosity

No data available

Viscosity, dynamic

2600 - 4000 Cp

Solubility

No data available

Partition coefficient n-octanol/water

No data available

Vapour pressure

No data available

Density and/or relative density

0.99779 g/cm³

Relative density

1

Relative vapour density

No data available

9.2. Other information

No data available

Ultrabind Catalyst

SECTION 10: Stability and reactivity

10.1. Reactivity

Although no reactive hazards have been identified, this substance has the potential to react with curing agents , ultimately solidifying.

10.2. Chemical stability

Stable.

10.3. Possibility of hazardous reactions

No data available

10.4. Conditions to avoid

Avoid exposure to high temperatures or direct sunlight. Store above freezing.

10.5. Incompatible materials

Strong oxidising substances, strong acids and strong bases.

10.6. Hazardous decomposition products

No data available

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Based on available data, the classification criteria are not met.

Skin corrosion/irritation

Causes mild skin irritation.

Serious eye damage/irritation

Based on available data, the classification criteria are not met.

Respiratory or skin sensitisation

The product contains a small amount of sensitising substance which may provoke an allergic reaction among sensitive individuals after repeated contact.

Germ cell mutagenicity

Classified as a suspected mutagen in Annex VI of the CLP regulation

Genotoxicity

Based on available data, the classification criteria are not met.

Carcinogenicity

Based on available data, the classification criteria are not met.

Ultrabind Catalyst

Repeated dose toxicity

Based on available data, the classification criteria are not met.

Reproductive toxicity

Classified as a reproductive toxin in Annex VI of the CLP regulation

STOT-single exposure

May have an adverse effect on the Thymus in animal testing

STOT-repeated exposure

May have an adverse effect on the Thymus in animal testing

Aspiration hazard

Based on available data, the classification criteria are not met.

11.2. Information on other hazards

No data available

SECTION 12: Ecological information

12.1. Toxicity

Acute toxicity

The product is not expected to be toxic to aquatic organisms.

12.2. Persistence and degradability

Persistence and degradability

The product contains inorganic compounds which are not biodegradable. The other substances of the product are slowly biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential

The product is not bioaccumulating.

12.4. Mobility in soil

Mobility

Expected to be low mobility

12.5. Results of PBT and vPvB assessment

No data available

12.6. Endocrine disrupting properties

No data available

12.7. Other adverse effects

No data available

Ultrabind Catalyst

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal considerations

Recover and reclaim or recycle, if practical. Dispose of contents/container in accordance with local regulations.

Packaging

Dispose of contents/container in accordance with local regulations.

SECTION 14: Transport information

14.1. UN number

Not applicable

14.2. UN proper shipping name

Not applicable

14.3. Transport hazard class(es)

Not applicable

14.4. Packing group

Not applicable

14.5. Environmental hazards

Not applicable

14.6. Special precautions for user

Not applicable

14.7. Maritime transport in bulk according to IMO instruments

Not applicable

SECTION 15: Regulatory information

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

National regulations

No data available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

Ultrabind Catalyst

SECTION 16: Other information

Changes to previous revision

These sections have been changed since previous version of this document: and 1. These sections have been changed since previous version of this document: and 1.

Phrase meaning

Skin Sens. 1 - Skin sensitisation, hazard category 1

Eye Irrit. 2 - Eye irritation, hazard category 2

Muta. 2 - Germ cell mutagenicity, hazard category 2

STOT SE 1 - Specific Target Organ Toxicity — Single exposure, hazard category 1

STOT RE 1 - Specific Target Organ Toxicity — Repeated exposure, hazard category 1

Aquatic Acute 1 - Hazardous to the aquatic environment — Acute hazard category 1

Repr. 1B - Reproductive toxicity, hazard category 1B

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H341 Suspected of causing genetic defects.

H360Fd May damage fertility. Suspected of damaging the unborn child

H370 Causes damage to organs

H372 Causes damage to organs through prolonged or repeated exposure .

H400 Very toxic to aquatic life.