

Weicon GmbH

Revision date: 04.01.2010

Revision no.:

1,00

RK-1300 / RK-1500 Activator

7619-0115

1. Identification of the substance/preparation and of the company/undertaking**Identification of the substance or preparation**

RK-1300 / RK-1500 Activator

Further trade names

10562

Use of the substance/preparation

2-Component structural adhesive.

Activator

Company/undertaking identification**Manufacturer**

Weicon GmbH

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Internet: www.weicon.de

Responsible for the safety data sheet: sds@gbk-ingelheim.de

Supplier

WEICON Inc.

20 Steckle Place, Unit 20

Kitchener, Ontario N2E 2C3

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Emergency telephone number: 0 11 49 178 433 74 34 (CONSULTANK Lutz Harder GmbH)

2. Hazards identification**Classification**

Indications of danger : Oxidizing, Highly flammable, Irritant

R-phrases:

May cause fire.

Highly flammable.

Irritating to eyes.

May cause sensitization by skin contact.

Vapours may cause drowsiness and dizziness.

3. Composition/information on ingredients**Chemical characterization (Mixture)**

Preparation in butanone

Hazardous components

CAS-No.	Chemical name	Quantity
78-93-3	butanone; ethyl methyl ketone	>60 - 99 %
94-36-0	dibenzoyl peroxide; benzoyl peroxide	7 - 13 %
84-61-7	dicyclohexyl-phthalate	7 - 13 %

4. First aid measures

General information

Remove contaminated soaked clothing immediately.
In the event of persistent symptoms receive medical treatment.
Take away from danger area and lay down affected person.

After inhalation

Move to fresh air in case of accidental inhalation of vapours.
If you feel unwell, seek medical advice.

After contact with skin

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

After contact with eyes

In case of contact with eyes rinse thoroughly with plenty of water and seek medical advice.
Seek medical treatment by eye specialist.

After ingestion

Do not induce vomiting.
Summon a doctor immediately.
.If swallowed seek medical advice immediately and show the doctor packing or label.

5. Fire-fighting measures

Suitable extinguishing media

Foam, carbon dioxide (CO₂), dry chemical, water-spray.

Extinguishing media which must not be used for safety reasons

Full water jet

Special exposure hazards arising from substance or preparation itself, combustion products, resulting gases

Fire may produce:
Carbon monoxide and carbon dioxide.

Special protective equipment for fire-fighters

Use breathing apparatus with independent air supply.
Protective suit

Additional information

Vapours are heavier than air and spread along ground.
The vapour/air mixture is explosive, even in empty, uncleaned receptacles.
Cool containers at risk with water spray jet.
Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

6. Accidental release measures

Personal precautions

In case of vapour formation use respirator.
Use only explosion-proof equipment.
Avoid contact with skin, eyes and clothing.
Ensure adequate ventilation.
Use personal protective clothing.

Environmental precautions

Do not discharge into the drains/surface waters/groundwater.
Do not discharge into the subsoil/soil.

Methods for cleaning up/taking up

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder).
Shovel into suitable container for disposal.

7. Handling and storage

Handling

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Advice on safe handling

Keep container tightly closed.

Vapours are heavier than air and spread along ground.

Use only in thoroughly ventilated areas.

Avoid contact with skin, eyes and clothing.

Advice on protection against fire and explosion

Do not smoke - volatile.

Keep away from heat and sources of ignition.

Take precautionary measures against static discharges.

Use only explosion-proof equipment.

Storage**Requirements for storage rooms and vessels**

Keep container tightly closed in a dry, cool and well-ventilated place.

Pay attention to anti-explosion rules.

Protect from direct solar radiation.

Advice on storage compatibility

Incompatible with oxidizing agents.

Further information on storage conditions

Do not keep at temperatures above 20°C.

Do not keep at temperatures below 10°C.

Storageclass (VCI):

3 A

8. Exposure controls/personal protection**Exposure limit values****Exposure limits (ACGIH)**

CAS No.	Substance	ppm	mg/m ³	F/ml	Category	Origin
94-36-0	Benzoyl peroxide	-	5		TWA (8 h)	TLV
		-	-		STEL (15 min)	TLV
		-	-		Peak	TLV
78-93-3	Methyl ethyl ketone (MEK)	200	590		TWA (8 h)	TLV
		300	885		STEL (15 min)	TLV
		-	-		Peak	TLV

Occupational exposure controls

Ensure adequate ventilation, especially in confined areas.

Keep away from food and drink.

Protective and hygiene measures

Do not inhale vapours.

Wash hands before breaks and immediately after handling the product.

When using, do not eat, drink or smoke.

Remove and wash contaminated clothes before re-use.

Respiratory protection

In case of insufficient ventilation wear suitable respiratory equipment (gas filter type A).

Hand protection

Protective gloves resistant to chemicals made of butyl, Minimum coat thickness 0,7 mm, Permeation

resistance (wear duration) approx. 480 minutes, i.e. protective glove <Butoject 898> made by www.kcl.de.

This recommendation refers exclusively to the chemical compatibility and the lab test conforming to EN 374 carried out under lab conditions.

Requirements can vary as a function of the use. Therefore it is necessary to adhere additionally to the recommendations given by the manufacturer of protective gloves.

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Eye protection

Tightly fitting goggles

Skin protection

Protective clothing

9. Physical and chemical properties**General information**

Physical state: Liquid
 Colour: Light yellow
 Odour: Solvent-like

Important health, safety and environmental information

Test method

Changes in the physical state

Melting point:	< 0 °C	ASTM D 97
Boiling point:	approx. 80 °C	ASTM D1078
Flash point:	< - 4 °C	
Lower explosion limits:	1,8 vol. %	
Upper explosion limits:	11,5 vol. %	
Vapour pressure: (at 20 °C)	approx. 100 hPa	
Density (at 25 °C):	0,87 g/cm ³	
Water solubility: (at 20 °C)	Difficult to dissolve	
Vapour density: (at 20 °C)	> 1	

Other information

Ignition temperature:	> 500 °C
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10. Stability and reactivity**Conditions to avoid**

Keep away from open flames, hot surfaces and sources of ignition.

Materials to avoid

Reactions with reducing agents, heavy metals.

Reactions with acids.

Reactions with alkalies.

Hazardous decomposition products

Carbon monoxide and carbon dioxide.

Toxic gases/vapours

Additional information

No decomposition if stored and applied as directed.

11. Toxicological information**Acute toxicity**

LD50/oral : >2000 mg/kg Rat Information refers to main component.

LD50/dermal : > 5000 mg/kg Rabbit

LC50/inhalation : 20 mg/kg Rat Information refers to main component.

Corrosive and irritant effects

Skin irritation : Non-irritant Rabbit

Eye irritation : Irritant Rabbit eye

Irritates mucous membranes.

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Sensitizing effects

Skin sensitization, remark : Sensitizing Guinea pig

12. Ecological information**Ecotoxicity**

Fish LC50 : >1000 mg/l

Daphnia EC50 : >1000 g/m3

Algae EC50 : >1000 g/m3

Toxicity to bacteria EC50 : >1000 g/m3

Further information

Do not discharge product unmonitored into the environment.

Product is not allowed to be discharged into aquatic environment.

13. Disposal considerations**Advice on disposal**

Remove in accordance with local official regulations.

Where possible recycling is preferred to disposal.

If recycling is not practicable, dispose of in compliance with local regulations.

Contaminated packaging

Empty containers should be taken for local recycling, recovery or waste disposal.

Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse.

Packaging that cannot be cleaned should be disposed of like the product.

14. Transport information**Canadian TDG****Proper shipping name**

Paint related material

UN/ID number:

UN1263

Hazard classes:

3

Packing group:

II

Hazard label:

3

Land transport (ADR/RID)

UN number:

1263

ADR/RID class:

3

Warning plate

Hazard-no.:

33

Hazard label:

3



ADR/RID packing group:

II

Description of the goods

Paint related material

Other applicable information (land transport)

LQ 6: combination packaging: 5 l / 30 kg (total gross mass); trays: 1 l / 20 kg (total gross mass).

Additional label with symbol "fish and tree" according to subsection 5.2.1.8.3. ADR for single packagings and inner packagings with > 5 kg or 5 L, transition period ends 31.12.2010.

Marine transport

UN number:

1263

IMDG code:

3

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Marine pollutant: No
 Hazard label: 3



IMDG packing group: II
 EmS: F-E; S-E

Description of the goods
 PAINT RELATED MATERIAL

Other applicable information (marine transport)

Limited quantities (section 3.4): combination packaging: 5 l / 30 kg (total gross mass); trays: 5 l / 20 kg (total gross mass).

Air transport

UN/ID number: 1263
 ICAO/IATA-DGR: 3
 Hazard label: 3



ICAO packing group: II
 IATA-packing instructions - Passenger: 305
 IATA-max. quantity - Passenger: 5 L
 IATA-packing instructions - Cargo: 307
 IATA-max. quantity - Cargo: 60 L

Description of the goods
 PAINT RELATED MATERIAL

15. Regulatory information**Canadian regulations****DSL/NDSL inventory status**

All of the components are listed on the DSL Inventory.

WHMIS classification

WHMIS: B2 & D2B

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all information required by the CPR.

16. Other information**Other data**

Data of sections 4 to 8, as well as 10 to 12, do not necessarily refer to the use and the regular handling of the product (in this sense consult package leaflet and expert information), but to release 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.

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

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)