



1. Identification of the substance/mixture and of the company/undertaking

Product identifier

Name of product RK-1300 / RK-1500 Activator (GB)
Code-Nr. 105622

Manufacturer/distributor

WEICON GmbH & Co. KG
Königsberger Straße 255, DE-48157 Münster
Postbox 84 60, DE-48045 Münster
Phone ++49(0)251 / 9322 - 0, Fax ++49(0)251 / 9322-244
E-Mail : info@weicon.de
Internet : www.weicon.de

Advice

Abteilung Angebote, Verkauf, Export
Phone ++49(0)251 / 9322 - 0

Emergency advice

Giftnotruf Bonn: Bei Vergiftungen (in case of poisoning)
Phone ++49(0)228-19 240

Recommended intended purpose(s)

2-Component-Structural Adhesive Activator Component

2. Hazards identification

Classification according to 67/548/EEC or 1999/45/EC

F; R11

Xi; R36

R43

R67

O; R7

R-phrases

11 Highly flammable.
36 Irritating to eyes.
43 May cause sensitisation by skin contact.
67 Vapours may cause drowsiness and dizziness.
7 May cause fire.

Labelling according to 67/548/EEC or 1999/45/EC

Remarks for labelling

The product is classified and labelled in accordance with EC directives/German regulations on dangerous substances.

F Highly flammable
O Oxidizing
Xi Irritant

R-phrases

11 Highly flammable.
36 Irritating to eyes.
43 May cause sensitisation by skin contact.
67 Vapours may cause drowsiness and dizziness.
7 May cause fire.



S-phrases

17	Keep away from combustible material.
2	Keep out of the reach of children.
3/7	Keep container tightly closed in a cool place.
36/37/39	Wear suitable protective clothing, gloves and eye/face protection.
46	If swallowed, seek medical advice immediately and show this container or label.

Hazardous ingredients for labeling

butanone, dibenzoyl-peroxide

3. Composition/information on ingredients

Description

Preparation based on butanone and dibenzoyl peroxide

Hazardous ingredients

CAS No	EC No	Name	[% weight]	Classification according to 67/548/EEC
78-93-3	201-159-0	butanone	> 60 - 99	F R11; Xi R36; R66; R67
94-36-0	202-327-6	dibenzoyl-peroxide	7 - 13	E R3; O R7; Xi R36; R43
84-61-7	201-545-9	dicyclohexyl-phthalate	7 - 13	-

4. First aid measures

General information

Remove contaminated soaked clothing immediately.

In case of inhalation

Ensure of fresh air.

In the event of symptoms refer for medical treatment.

In case of skin contact

In case of contact with skin wash off immediately with soap and water.

Consult a doctor if skin irritation persists.

In case of eye contact

In case of contact with eyes rinse thoroughly with plenty of water and seek medical advice.

In case of ingestion

Do not induce vomiting.

Medical treatment.

If swallowed seek medical advice immediately and show the doctor packing or label.

5. Firefighting measures

Suitable extinguishing media

Alcohol-resistant foam

Dry powder

Carbon dioxide

Extinguishing media which must not be used for safety reasons

Full water jet

Special hazards arising from the substance or mixture

Fire gas of organic material has to be classed invariably as respiratory poison.

Special protective equipment for fire-fighters

Use breathing apparatus with independent air supply.

Fire-fighting operations, rescue and clearing work under effect of combustion and smoulder gases just may be done with breathing apparatus.



Additional information

Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

6. Accidental release measures

Personal precautions

Ensure adequate ventilation.
Use personal protective clothing.
Keep away sources of ignition.

Environmental precautions

Do not discharge into the drains or bodies of water..
Do not discharge into the subsoil/soil.

Methods for cleaning up

Take up with absorbent material (e.g. sand, kieselguhr, acid binder, general-purpose binder, sawdust).
Take up mechanically.

Additional Information

Informations for personal protective equipment see chapter 8.

7. Handling and storage

Advice on safe handling

Keep container tightly closed.
Stir and shake well before use.
Care for thoroughly room ventilation, if necessary use in well ventilated area with local exhaust ventilation at workplace.
Open and handle container with care!

Advice on protection against fire and explosion

Keep away from sources of ignition - No smoking
Take precautionary measures against static discharges.
Use explosion-proof equipment / fittings and non-sparking tools.

Further information on storage conditions

Keep container tightly closed and store at cool and aired place.
Protect from direct solar radiation.
Store in a dry place.
Protect from heat/overheating.
Do not keep at temperatures above 20°C.
Do not keep at temperatures below 10°C.

8. Exposure controls/personal protection

Ingredients with occupational exposure limits to be monitored

CAS No	Name	Code	[mg/m ³]	[ppm]	Remark
78-93-3	Butan -2-one (methyl ethyl ketone)	8 hours	600	200	EH40/2005
		Short-term	899	300	
94-36-0	Dibenzoyl peroxide	8 hours	5		EH40/2005
84-61-7	Dicyclohexyl phthalate	8 hours	5		EH40/2005

Indicative occupational exposure limit values (91/322/EEC, 2000/39/EC, 2006/15/EC or 2009/161/EU)

CAS No	Name	Code	[mg/m ³]	[ppm]	Remark
78-93-3	butanone	8 hours	600	200	
		Short-term	900	300	

Respiratory protection

If ventilation insufficient, wear respiratory protection.
Multi-purpose filter ABEK/P3



Safety Data Sheet according to Regulation (EC)

No. 1907/2006 (REACH)

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RK-1300 / RK-1500 Activator (GB)

Hand protection

In the cases of special applications, it is recommended to check the chemical resistance with the manufacturer of the gloves.

Chemical protective gloves must be chosen carefully in view of their design and depending on the dependence on the concentration and amounts of dangerous goods used in the specific working tasks.

Glove material specification [make/type, thickness, permeation time/life, wetting resistance]: butyl rubber, 0,7mm; 480min

Glove material specification [make/type, thickness, permeation time/life, wetting resistance]: fluorinated rubber; 0,7mm; 480min; 60min;

Eye protection

tightly fitting goggles

Skin protection

protective clothing

General protective measures

Avoid contact with eyes and skin

Do not inhale gases/vapours/aerosols.

Hygiene measures

At work do not eat, drink, smoke or take drugs.

Remove soiled or soaked clothing immediately.

Keep away from food and drink.

Keep separated from food and feed.

Wash hands and skin before breaks and after work.

9. Physical and chemical properties

Form

liquid

Colour

light yellow

Odour

solvent-like

Important health, safety and environmental information

	Value	Temperature	at	Method	Remark
boiling point	ca. 80 °C				
solidifying point	< 0 °C				
Flash point	-4 °C				
Ignition temperature	> 500 °C			DIN 51794	
Lower explosion limit	1,8 Vol-%				
Upper explosion limit	11,5 Vol-%				
Vapour pressure	ca. 100 hPa	20 °C			butanone
Density	0,87 g/cm ³	25 °C			
Rel. vapour density	> 1	20 °C			
Solubility in water					difficult to dissolve



10. Stability and reactivity

Materials to avoid

Reactions with heavy metals.
Reactions with acids.
Reactions with reducing agents.
Reactions with alkalies.

Hazardous decomposition products

Toxic gases/vapours

11. Toxicological information

Acute toxicity/Irritability/Sensitization

	Value/Validation	Species	Method	Remark
LD50 acute oral	> 2000 mg/kg	rat		Information concerns to main component.
LD50 acute dermal	> 2000 mg/kg	rabbit		
LC50 acute inhalation	> 20 mg/l ()			Informations concern to main component.
Irritability skin	non-irritant	rabbit		
Irritability eye	irritant	rabbit eye		
Skin sensitization	sensitizing	Guinea pig		

Experiences made from practice

Irritates mucous membranes.

Additional information

Analogous to products of similar composition.

Labelling in compliance with the assessment procedure specified in the EC guidelines 1999/45/EC.

12. Ecological information

Data on elimination (persistence and degradability)

	Elimination rate	Method of analysis	Method	Validation
Biological degradability	Das Produkt ist biologisch leicht abbaubar.			

Ecotoxicological effects

	Value	Species	Method	Validation
Fish	LC50 > 1000 mg/l			
Daphnia	EC50 > 1000 g/m3			
Algae	EC50 > 1000 g/m3			
Bacteria	EC50 > 1000 g/m3			



General regulation

Do not allow uncontrolled leakage of product into the environment.
Product is not allowed to be discharged into aquatic environment.

13. Disposal considerations

Waste code No.	Name of waste
07 02 08*	other still bottoms and reaction residues

Wastes marked with an asterisk are considered to be hazardous waste pursuant to Directive 91/689/EEC on hazardous waste.

Recommendations for the product

Remove in accordance with local official regulations.

Recommendations for packaging

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

14. Transport information**Land and inland navigation transport ADR/RID**

UN 1263 PAINT, 3, II, (D/E), Special provisions 640D, Classification code: F1
transport in "limited quantities" according to 3.4 ADR LQ2 is possible

Marine transport IMDG

UN 1263 PAINT, 3, II

Air transport ICAO/IATA-DGR

UN 1263 Paint, 3, II

Transport/further information

24h EMERGENCY CONTACT (TRANSPORT) +49(0)178 433 7434 (Consultank Lutz Harder GmbH)

15. Regulatory information

VOC standard	
VOC content	78 %

16. Other information**Recommend uses and restrictions**

National and local regulations concerning chemicals shall be observed.

Further information

The information contained herein is based on the state of our knowledge. It characterizes the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properties of the product.

Wording of the R/H-phrases specified in chapter 3 (not the classification of the mixture!)

R 11 Highly flammable.
R 3 Extreme risk of explosion by shock, friction, fire or other sources of ignition.
R 36 Irritating to eyes.
R 43 May cause sensitisation by skin contact.
R 66 Repeated exposure may cause skin dryness or cracking.
R 67 Vapours may cause drowsiness and dizziness.
R 7 May cause fire.