



Safety Data Sheet

according to Regulation (EU) No. 1907/2006

Activator spray no. 9 CA (150125-X)

Print date : 06.01.2008

Product code : 150125-X

Page 1 of 5

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

Activator spray no. 9 CA (150125-X)

Company/undertaking identification

Company name : R&G Faserverbundwerkstoffe GmbH
Composite Technology
Place : D-71111 Waldenbuch
Telephone : +49-7157-530460 Telefax : +49-7157-530470
e-mail : info@r-g.de
Internet : www.r-g.de
Inquiry office : business management
Emergency telephone : poison information centre

2. Hazards identification**Classification**

Indications of danger : Extremely flammable, Irritant
R-phrases :
In use, may form flammable/explosive vapour-air mixture.
Irritating to eyes.
Repeated exposure may cause skin dryness or cracking.
Vapours may cause drowsiness and dizziness.

3. Composition/information on ingredients**Chemical characterization (preparation)****Hazardous components**

EC-No.	CAS-No.	Chemical name	Quantity	Classification
204-065-8	115-10-6	dimethyl ether	50-75%	F+ R12
200-662-2	67-64-1	acetone, propan-2-one, propanone	20-35%	F, Xi R11-36-66-67
202-805-4	99-97-8	N,N-dimethyl-p-toluidine	< 1%	T R23/24/25-33-52-53

Full text of each relevant R phrase can be found in heading 16.

4. First aid measures**General information**

Change contaminated clothing.

After inhalation

Provide fresh air. Artificial respiration on respiratory arrest.

After contact with skin

After contact with skin, wash immediately with soap and plenty of water. If skin becomes irritated, seek medical treatment.

After contact with eyes

After contact with eye rinse immediately with lot of water at least 5 minutes with open eyelid. Subsequently consult an ophthalmologist.

After ingestion

Do not induce vomiting. Rinse mouth immediately and drink large quantities of water. Consult physician.



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Product code : 150125-X

Page 2 of 5

5. Fire-fighting measures

Suitable extinguishing media

Carbon dioxide (CO₂).
Foam.
Dry extinguishing powder.

Extinguishing media which must not be used for safety reasons

High power water jet.

Additional information

Immediately move undamaged cans out of the danger area, and if necessary cool with water. Danger of bursting!

6. Accidental release measures

Methods for cleaning up/taking up

Sort out leaking cans, and dispose of these as described under the relevant section.

7. Handling and storage

Handling**Advice on safe handling**

Ventilate adequately storage and work rooms.

Advice on protection against fire and explosion

Keep away from sources of ignition. No smoking.

Storage**Requirements for storage rooms and vessels**

Protect against the effects of heat and direct sunlight. Note the TRG 300 storage regulations for aerosols. Keep in a cool, well-ventilated place.

Further information on storage conditions

Storage temperature: max. 50 °C

8. Exposure controls/personal protection

Exposure limit values**Exposure limits (EH40)**

CAS No.	Substance	ml/m ³	mg/m ³	F/ml	Category	Origin
67-64-1	Acetone	500	1210		TWA (8 h)	WEL
		1500	3620		STEL (15 min)	WEL
115-10-6	Dimethyl ether	400	766		TWA (8 h)	WEL
		500	958		STEL (15 min)	WEL

Exposure controls**Occupational exposure controls**

Ventilate adequately storage and work rooms.

Protective and hygiene measures

"Wash hands when done working with material; at breaks, lunch, shift changes, etc." Do not smoke, eat, or drink during work.

Hand protection

Wear protective gloves. (EN 374)



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Product code : 150125-X

Page 3 of 5

Eye protection

Tightly sealed safety glasses. (EN 166)

9. Physical and chemical properties

General information

Physical state : Aerosol
Colour : transparent
Odour : characteristic nach Lösemittel

Important health, safety and environmental information

Test method

Changes in the physical state

Lower explosion limits :	0,6 vol. %
Upper explosion limits :	nicht ermittelt
Vapour pressure : (at 20 °C)	480 hPa
Vapour pressure : (at 50 °C)	1.050 hPa
Density (at 20 °C) :	0,7 g/cm ³
Water solubility : (at 20 °C)	partially soluble

10. Stability and reactivity

Conditions to avoid

In cases of exceeding the storage temperature: Danger of bursting container.

Hazardous decomposition products

no decomposition when stored and handled properly

11. Toxicological information

Further information

Contains acetone (workplace exposure limit 500 ppm). Inhalation of solvent and propellant vapours can lead to narcotic symptoms.

12. Ecological information

Ecotoxicity

Do not let the product enter the groundwater, open water, or the sewerage system.

13. Disposal considerations

Advice on disposal

Carry out a burning of hazardous waste according to official regulations.

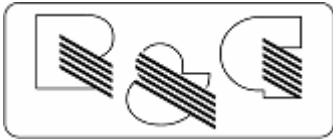
Waste disposal number of used product

160504 WASTES NOT OTHERWISE SPECIFIED IN THE LIST; gases in pressure containers and discarded chemicals; gases in pressure containers (including halons) containing dangerous substances
Classified as hazardous waste.

Contaminated packaging

Uncontaminated packaging can be recycled. Noncleanable packaging must be disposed of like the substance.

14. Transport information



Safety Data Sheet

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Activator spray no. 9 CA (150125-X)

Print date : 06.01.2008

Product code : 150125-X

Page 4 of 5

Land transport (ADR/RID)

UN number : 1950
ADR/RID class : 2
Warning plate
Hazard-no. : 5F
Hazard label : 2.1

Description of the goods

DRUCKGASPACKUNGEN, entzündbar

Marine transport

UN number : 1950
IMDG code : 2
EmS : F-D, S-U

Description of the goods

Aerosols

Air transport

UN/ID number : 1950
ICAO/IATA-DGR : 2.1

Description of the goods

Aerosols, flammable

15. Regulatory information**Labelling**

Danger symbols : F+ - Extremely flammable; Xi - Irritant

R phrases

- 18 In use, may form flammable/explosive vapour-air mixture.
36 Irritating to eyes.
66 Repeated exposure may cause skin dryness or cracking.
67 Vapours may cause drowsiness and dizziness.

S phrases

- 23 Do not breathe (gas/fumes/vapour/spray, appropriate wording to be specified by the manufacturer)
26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
51 Use only in well-ventilated areas.
56 Dispose of this material and its container at hazardous or special waste collection point.

Additional advice on labelling

The product is classified and labelled under the EC Directives/hazardous substances laws (GefStoffV).

National regulatory information

Water contaminating class : 1 - slightly water contaminating

16. Other information**Full text of R-phrases referred to under sections 2 and 3**

- 11 Highly flammable.
12 Extremely flammable.
18 In use, may form flammable/explosive vapour-air mixture.
23/24/25 Toxic by inhalation, in contact with skin and if swallowed.
33 Danger of cumulative effects.
36 Irritating to eyes.
52 Harmful to aquatic organisms.
53 May cause long-term adverse effects in the aquatic environment.



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Page 5 of 5

- 66 Repeated exposure may cause skin dryness or cracking.
67 Vapours may cause drowsiness and dizziness.

Other data

All information, recommendations, and advice on the part of R&G Faserverbundwerkstoffe GmbH are published to the best of our knowledge and belief. They are noncommittal and contain neither explicit nor tacit assurance or warranty of particular properties. The values specified for properties are typical figures. Recommendations or advice serve to describe our products and possible applications in a general or exemplary, but not specifically individual manner. In the course of the constant technical advancement and improvement of our products there may be changes to the characteristic values, copy, and diagrams; no specific reference is made to any such change. Owing to our products' wide and highly diverse range of potential applications far beyond any of our attempts to analyse, the customer alone is responsible for examining our products' suitability for the respective processes and purposes and their respective processibility. All and any protective rights and the applicable laws, terms, and conditions must be observed by the buyer or user of our products at their own responsibility. Publication is not a licence and does not intend the violation of any patents.