

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Primer G 795 (415154-X)

Print date: 22.04.2013

Product code: 415154-GHS-2013

Page 1 of 7

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

Identification of the substance or mixture

Primer G 795 (415154-X)

Company/undertaking identification

Company name:	R&G Faserverbundwerkstoffe GmbH	
	Composite Technology	
Street:	Im Meißel 7 - 13	
Place:	D-71111 Waldenbuch	
Post-office box:	1145	
	D-71107 Waldenbuch	
Telephone:	+49-7157-530460	Telefax: +49-7157-530470
e-mail:	info@r-g.de	
Internet:	www.r-g.de	
Responsible Department:	Management	
1.4. Emergency telephone number:	poison information centre	

2. Hazards identification

Classification

Indications of danger: Xn - Harmful

R phrases:

Flammable.

Harmful: may cause lung damage if swallowed.

Repeated exposure may cause skin dryness or cracking.

GHS: Hazard categories:

Flammable liquid: Flam. Liq. 3

Hazard Statements:

Flammable liquid and vapour.

3. Composition/information on ingredients

Chemical characterization (Mixture)

Silane und Siloxane mit funktionellen Gruppen

Hilfstoffe in Lösemittel

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Primer G 795 (415154-X)

Print date: 22.04.2013

Product code: 415154-GHS-2013

Page 2 of 7

Hazardous components

EC No	CAS No	Chemical name	Quantity
		Classification	
		GHS classification	
265-150-3	64742-48-9	Low boiling point hydrogen treated naphtha, Naphtha (petroleum), hydrotreated heavy	>50%
		Carc. Cat. 2, Xn - Harmful R65-66	
201-083-8	78-10-4	ethyl silicate, tetraethyl silicate	< 5%
		Xn - Harmful, Xi - Irritant R10-20-36/37	
		Flam. Liq. 3, Acute Tox. 4, Eye Irrit. 2, STOT SE 3; H226 H332 H319 H335	
227-006-8	5593-70-4	Titantetrabutanolat	< 5%
		Xi - Irritant R10-38-41	

Full text of R and H phrases: see Section 16.

4. First aid measures

General information

In case of accident or if you feel unwell, seek medical advice immediately (show this label if possible).

After inhalation

Remove to fresh air

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

Immediately rinse with copious amounts of water. Consult a doctor when irritation persists.

After ingestion

Let water be swallowed in little sips (dilution effect). Do not induce vomiting.

Advice to doctor

Risk of aspiration. Potential damage to lungs after vomiting.

5. Fire-fighting measures

Suitable extinguishing media

Carbon dioxide (CO₂).
Extinguishing powder.
alcohol resistant foam.

Extinguishing media which must not be used for safety reasons

Water.

Special protective equipment for fire-fighters

Wear breathing apparatus with own air supply.

Additional information

Fire residue and contaminated firefighting water must be disposed of in accordance with government regulations.

6. Accidental release measures

Personal precautions

Wear personal protection equipment. Keep unprotected persons at a safe distance. Remove from all

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Primer G 795 (415154-X)

Print date: 22.04.2013

Product code: 415154-GHS-2013

Page 3 of 7

sources of ignition. Do not breathe in vapours.

6.2. Environmental precautions

Do not empty into drains or the aquatic environment. Do not allow to enter groundwater. Do not allow to enter the soil or subsoil.

Methods for cleaning up/taking up

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).
Dispose of contaminated material as § 13 waste.

Additional information

Remove from all sources of ignition.

7. Handling and storage

Handling

Advice on safe handling

Provide adequate ventilation/vapour extraction at the workplace.
Keep away from incompatible substances under § 10.2.

Advice on protection against fire and explosion

Use water to cool receptacles in danger. Keep away from sources of ignition. No smoking. Take precautionary measures against static discharges. Fumes may form explosive mixtures with air.

Storage

Advice on storage compatibility

Keep away from oxidising agents. Keep away from peroxides.

Further information on storage conditions

Keep in well sealed receptacles at a cool, dry location.
Ventilate adequately storage and work rooms.

Storageclass (D): 10

8. Exposure controls/personal protection

Exposure limit values

8.2. Exposure controls

Protective and hygiene measures

Do not smoke, eat, or drink during work. Do not breathe in vapours.

Respiratory protection

In the event of long or excessive effects: use a gas mask with type A filter.

Hand protection

Wear protective gloves. (EN 374)
Material: NBR (Nitrile rubber). FKM (Fluoroelastomer).
Breakthrough time: 60 min

Eye protection

Tightly sealed safety glasses. (EN 166)

Skin protection

Wear protective clothing. (EN 340)

Environmental exposure controls

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

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Primer G 795 (415154-X)

Print date: 22.04.2013

Product code: 415154-GHS-2013

Page 4 of 7

9. Physical and chemical properties

General information

Physical state: liquid
Colour: yellowish
Odour: nach Kohlenwasserstoff

Important health, safety and environmental information

Test method

Changes in the physical state

Boiling point:	183 °C	bei 1013 hPa
Flash point:	25 °C	DIN 51755
Lower explosion limits:	0,6 vol. %	
Upper explosion limits:	9 vol. %	
Vapour pressure: (at 20 °C)	12 hPa	
Vapour pressure: (at 38 °C)	26 hPa	
Density (at 25 °C):	0,79 g/cm ³	DIN 12791
Water solubility:	insoluble	
Solubility in other solvents:	unbeschränkt mischbar mit gängigen organischen Lösemitteln	
Viscosity / dynamic: (at 23 °C)	2 mPa·s	DIN 51562

9.2. Other information

Ignition temperature: 240 °C DIN 51794
Explosionsgrenzen für freigesetztes Ethanol: 3,5 - 15 Vol%

10. Stability and reactivity

10.4. Conditions to avoid

moisture

Materials to avoid

Reacts with: acid. Water. Alkalis (alkalis).
Formation of: alcohols.

10.6. Hazardous decomposition products

Air humidity causes: Ethanol. butanol.

Further information

no decomposition when stored and handled properly

11. Toxicological information

Acute toxicity

Preparation not tested.

Additional information on tests

Organic solvent: according to the literature, aliphatic hydrocarbons have a slightly irritant effect on the skin and mucous membranes in addition to their demoisturising and narcotic properties. Direct contact with lung tissue (e.g. through aspiration) may cause pneumonia.
According to the literature hydrolysis products have an irritant effect on mucous membranes, a slight irritant effect on the skin, prove demoisturising and narcotic, and can cause liver damage.

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Primer G 795 (415154-X)

Print date: 22.04.2013

Product code: 415154-GHS-2013

Page 5 of 7

12. Ecological information

Further information

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.

Contaminated packaging

Cleaned containers may be recycled.

14. Transport information

Land transport (ADR/RID)

14.1. UN number: 1993

ADR/RID class: 3

Warning plate

Hazard No: 30

Hazard label: 3



ADR/RID packing group: III

Description of the goods

ENTZÜNDBARER FLÜSSIGER STOFF, N.A.G.

Marine transport (IMDG)

14.1. UN number: 1993

IMDG code: 3

Marine pollutant: no

IMDG packing group: III

Description of the goods

Flammable liquid, n.o.s.

Air transport (ICAO)

UN/ID number: 1993

ICAO/IATA-DGR: 3

ICAO packing group: III

Description of the goods

Flammable liquid, n.o.s.

Other applicable information

Post Deutschland: 3.000 ccm/Gefäß, 6.000 ccm/Packstück

15. Regulatory information

Labelling

Danger symbols: Xn - Harmful

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Primer G 795 (415154-X)

Print date: 22.04.2013

Product code: 415154-GHS-2013

Page 6 of 7



Xn - Harmful

Hazardous components which must be listed on the label

Naphtha (petroleum), hydrotreated heavy; Low boiling point hydrogen treated naphtha
Titantrabutanolat
Tetraethylsilikat

R phrases

- 10 Flammable.
- 65 Harmful: may cause lung damage if swallowed.
- 66 Repeated exposure may cause skin dryness or cracking.

S phrases

- 07 Keep container tightly closed.
- 09 Keep container in a well-ventilated place.
- 16 Keep away from sources of ignition - No smoking.
- 29 Do not empty into drains.
- 33 Take precautionary measures against static discharges.
- 62 If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

Additional advice on labelling

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

GHS labelling

Signal word: Warning
Pictograms: flame



Hazard statements

H226 Flammable liquid and vapour.

Precautionary statements

- P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
- P233 Keep container tightly closed.
- P240 Ground/bond container and receiving equipment.
- P241 Use explosion-proof electrical/ventilating/lighting equipment.
- P242 Use only non-sparking tools.
- P243 Take precautionary measures against static discharge.
- P280 Wear protective gloves/protective clothing/eye protection/face protection.
- P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
- P370+P378 In case of fire: Use ... for extinction.
- P403+P235 Store in a well-ventilated place. Keep cool.
- P501 Dispose of contents/container to

EU regulatory information

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Primer G 795 (415154-X)

Print date: 22.04.2013

Product code: 415154-GHS-2013

Page 7 of 7

Additional information

Contains epoxy constituents. See information supplied by the manufacturer.

National regulatory information

Employment restrictions:	Observe employment restrictions for young people. Observe employment restrictions for child bearing mothers and nursing.
Water contaminating class (D):	1 - slightly water contaminating

16. Other information

Full text of R phrases referred to under Sections 2 and 3

10	Flammable.
20	Harmful by inhalation.
36/37	Irritating to eyes and respiratory system.
38	Irritating to skin.
41	Risk of serious damage to eyes.
65	Harmful: may cause lung damage if swallowed.
66	Repeated exposure may cause skin dryness or cracking.

Full text of H statements referred to under Sections 2 and 3

H226	Flammable liquid and vapour.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.

Further Information

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.

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