

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Universal Colour Paste

Print date: 15.03.2013

Product code: 132100-GHS-2013

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

Identification of the substance or mixture

Universal Colour Paste

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 poison information centre
number:

2. Hazards identification

Classification

R phrases:
Flammable.
Repeated exposure may cause skin dryness or cracking.
Vapours may cause drowsiness and dizziness.

GHS: Hazard categories:
Germ cell mutagenicity: Muta. 1B
Carcinogenicity: Carc. 1B
Hazard Statements:
May cause genetic defects.
May cause cancer.

3. Composition/information on ingredients

Chemical characterization (Mixture)

Zubereitung auf Basis ungesättigter Polyesterharze, monomerenfrei.

Hazardous components

EC No	CAS No	Chemical name Classification GHS classification	Quantity
265-199-0	64742-95-6	Solvent naphtha (petroleum), light arom.; Low boiling point naphtha - unspecified Carc. Cat. 2, Muta. Cat. 2, Xn - Harmful R45-46-65 Carc. 1B, Muta. 1B, Asp. Tox. 1; H350 H340 H304	< 0,5 %

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

4. First aid measures

General information

Consult a doctor when symptoms occur or in cases of doubt. Do not introduce anything into the mouth

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of an unconscious person.

After inhalation

fresh air or oxygen supply Move victim to fresh air. Instruct person to keep calm and warm. Artificial respiration on respiratory arrest. Move a vomiting patient lying on his back into a stable position on his side.

After contact with skin

Washing places concerned with a lot of water and soap. If the symptom doesn't stop, consult doctor. Immediately take off soiled, impregnated clothing.

After contact with eyes

If the product comes into contact with the eyes, immediately rinse the open eyes with copious amounts of water for at least ten minutes. Afterwards consult an eye specialist.

After ingestion

Consult physician. Do not induce vomiting.

5. Fire-fighting measures

Suitable extinguishing media

alcohol resistant foam. Carbon dioxide (CO₂). Atomized water.

Extinguishing media which must not be used for safety reasons

High power water jet.

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

Fire gives rise to dense black smoke.

Special protective equipment for fire-fighters

Wear breathing apparatus without recirculating air and suitable protective clothing.

Additional information

Use a water spray jet to cool closed receptacles near the source of the fire.

6. Accidental release measures

Personal precautions

Do not breathe in vapours. Keep away from ignition sources and naked flames.

6.2. Environmental precautions

Do not empty into drains or the aquatic environment. Notify the responsible authority when the substance enters open water, the soil, or sewerage system.

Methods for cleaning up/taking up

Absorb with sand, earth, or another absorbent substance. Contain escaping material with a nonflammable, absorbent substance (e.g. sand, soil, kieselguhr, vermiculite). Transfer to a disposal receptacle complying with the local/national legal provisions.

7. Handling and storage

Handling

Advice on safe handling

Keep away from ignition sources and naked flames. Do not breathe in vapours or spray mists. When using do not eat, drink or smoke. Take precautionary measures against static discharges. Ensure the earthing of containers, apparatus, pumps and suction equipment. Wear respiratory protection when in the presence of vapour, dust, and aerosols. If persons, regardless of whether they even spray painting or not, during painting are within the spray booth, with exposure to particulates and solvent vapors to be expected. In such conditions should be worn during the Spritzlackierens respirator until the aerosol and solvent concentration has fallen below the occupational exposure limits. The material also used only in areas from which all naked lights, fire and other sources of ignition have been excluded.

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non-contact with skin and eyes. Vapours, spray mists and inhalation of dust from sanding. When using do not eat and drink, smoking. Comply with the health and safety regulations.

Advice on protection against fire and explosion

Vapours are heavier than air and will travel at floor level.

Storage

Requirements for storage rooms and vessels

Keep receptacles tightly sealed. Keep opened receptacles upright to prevent leakage.

Advice on storage compatibility

Keep away from: alkaline substances (e.g. ammoniac, amines, etc.), oxidising agents, strong acids

Further information on storage conditions

Protect against the effects of heat and direct sunlight.

8. Exposure controls/personal protection

Exposure limit values

Additional advice on limit values

Für gute Lüftung sorgen. Dies kann durch lokale oder Raumabsaugung erreicht werden. Falls dies nicht ausreicht, um die Aerosol- und Lösemitteldampf-Konzentration unter den Luftgrenzwerten zu halten, muß ein zugelassenes Atemschutzgerät getragen werden.

8.2. Exposure controls

Occupational exposure controls

Die angegebenen Arbeitsplatzgrenzwerte (AGW) sind der bei der Erstellung gültigen TRGS 900 entnommen. Die übrigen Angaben (MAK) wurden durch die TRGS 900 vom Januar 2006 aufgehoben mit dem Ziel der Überarbeitung.

Protective and hygiene measures

Nach Kontakt Hautflächen gründlich mit Wasser und Seife reinigen oder geeignetes Reinigungsmittel benutzen. Keine organischen Lösemittel verwenden.

Respiratory protection

BG-Regel 190 "Benutzung von Atemschutzgeräten" beachten. Liegt die Lösemittelkonzentration über den Luftgrenzwerten, so muß ein für diesen Zweck zugelassenes Atemschutzgerät getragen werden. Ein Verzeichnis zertifizierter Atemschutzgeräte existiert als BGI 693 beim Hauptverband der gewerblichen Berufsgenossenschaften.

Hand protection

BG-Regel 195 "Einsatz von Schutzhandschuhen" beachten. Geeignet ist ein nach EN 374 geprüfter Chemikalienschutzhandschuh. Für den Kurzzeitkontakt (z.B. Spritzschutz) mit dem im Produkt enthaltenen Inhaltsstoffen wird ein Handschuh aus mindestens 0,4 mm Materialstärke, Durchdringungszeit > 480 min empfohlen. Der Schutzhandschuh sollte in jedem Fall auf seine arbeitsplatzspezifische Eignung (z.B. mechanische Beständigkeit, Produktverträglichkeit) geprüft werden. Anweisungen und Informationen des Handschuhherstellers zur Anwendung, Lagerung, Pflege und zum Austausch der handschuhe befolgen. Die Schutzhandschuhe sollten bei Beschädigung oder ersten Abnutzungserscheinungen sofort ersetzt werden. Arbeitsvorgänge so gestalten, daß nicht dauernd Handschuhe getragen werden müssen. Hautflächen, die mit dem Produkt in Kontakt kommen können, sollten mit Schutzcremes versehen werden.

Eye protection

BG-Regel 192 "Benutzung von Augen- und Gesichtsschutz" beachten. Zum Schutz gegen Flüssigkeitsspritzer Schutzbrille tragen.

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9. Physical and chemical properties

General information

Physical state: high-viscosity paste
Colour: different color types
Odour: characteristic

Important health, safety and environmental information

	Test method
pH-Value (at 20 °C):	not applied
Changes in the physical state	
Boiling point:	127 °C
Lower explosion limits:	1,4 vol. %
Upper explosion limits:	9,6 vol. %
Density (at 20 °C):	1,18 g/cm ³
Water solubility:	insoluble

Solvent separation test

<3 %

10. Stability and reactivity

Materials to avoid

Keep away from: alkaline substances (e.g. ammoniac, amines, etc.), oxidising agents, strong acids

10.6. Hazardous decomposition products

High temperatures can give rise to hazardous decomposition products.

11. Toxicological information

Additional information on tests

The product has not been tested as such. The formulation has been classified according to the conventional method (calculating regulations under EU Directive 1999/45/EG) and the toxicological risks.

12. Ecological information

Further information

The formulation was assessed according to the conventional method of the directive 1999/45/EG and classified as not harmful to the environment.

13. Disposal considerations

Waste disposal number of waste from residues/unused products

080112 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS; wastes from MFSU and removal of paint and varnish; waste paint and varnish other than those mentioned in 08 01 11

Waste disposal number of used product

080112 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS; wastes from MFSU and removal of paint and varnish; waste paint and varnish other than those mentioned in 08 01 11

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14. Transport information

Land transport (ADR/RID)

Other applicable information (land transport)

Not restricted

Marine transport (IMDG)

Other applicable information (marine transport)

Not restricted

Air transport (ICAO)

Other applicable information (air transport)

Not restricted

15. Regulatory information

Labelling

R phrases

- | | |
|----|---|
| 10 | Flammable. |
| 66 | Repeated exposure may cause skin dryness or cracking. |
| 67 | Vapours may cause drowsiness and dizziness. |

GHS labelling

Signal word:	Danger
Pictograms:	health hazard



Hazard statements

- | | |
|------|----------------------------|
| H340 | May cause genetic defects. |
| H350 | May cause cancer. |

Precautionary statements

- | | |
|-----------|---|
| P201 | Obtain special instructions before use. |
| P202 | Do not handle until all safety precautions have been read and understood. |
| P281 | Use personal protective equipment as required. |
| P308+P313 | IF exposed or concerned: Get medical advice/attention. |
| P405 | Store locked up. |
| P501 | Dispose of contents/container to |

EU regulatory information

1999/13/EC (VOC):	51
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National regulatory information

Water contaminating class (D):	1 - slightly water contaminating
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16. Other information

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

- | | |
|----|-------------------|
| 10 | Flammable. |
| 45 | May cause cancer. |

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- 46 May cause heritable genetic damage.
- 65 Harmful: may cause lung damage if swallowed.
- 66 Repeated exposure may cause skin dryness or cracking.
- 67 Vapours may cause drowsiness and dizziness.

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

- H304 May be fatal if swallowed and enters airways.
- H340 May cause genetic defects.
- H350 May cause cancer.

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