

Safety Data Sheet

according to Regulation (EU) No. 1907/2006

BascoClear, glossy (954110-X)

Print date : 06.01.2008

Product code : 954110-X

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

Identification of the substance or preparation

BascoClear, glossy (954110-X)

Use of the substance/preparation

SP soluble clear varnish

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
 Inquiry office : Management
 Emergency telephone : Poison emergency call

2. Hazards identification

Classification

Indications of danger : Irritant
 R-phrases :
 Flammable.
 May cause sensitization by skin contact.
 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
265-199-0	64742-95-6	Low boiling point naphtha - unspecified, Solvent naphtha (petroleum), light arom.	10 - 25 %	Carc. Cat. 2, Xn R45-65
202-849-4	100-41-4	ethylbenzene	2,5 - 10 %	F, Xn R11-20
215-535-7	1330-20-7	xylene	2,5 - 10 %	Xn, Xi R10-20/21-38
203-603-9	108-65-6	2-methoxy-1-methylethyl acetate	2,5 - 10 %	Xi R10-36
400-830-7	-	Mixture of alpha-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyl-omega-hydroxypoly(oxyethylene) and alpha-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyl-omega-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyloxy poly(oxyethylene)	1 - 2,5 %	N R43-51-53
255-437-1		Pentamethylpiperdiylsebacate	0,1 - 1 %	Xi R43
280-060-4		Methyl-pentamethyl-4-poperdiylsebacate	0,1 - 1 %	Xi R43

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

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4. First aid measures

General information

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

After inhalation

Move victim to fresh air. Instruct person to keep calm and warm. Artificial respiration on respiratory arrest. If victim is at risk of losing consciousness, position and transport on their side. Consult physician.

After contact with skin

Change contaminated clothing. After contact with skin, wash immediately with soap and plenty of water. Do not use any solvents or diluents!

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

Immediately get medical attention. Keep the patient calm. Do not induce vomiting.

5. Fire-fighting measures

Suitable extinguishing media

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

Extinguishing media which must not be used for safety reasons

High power water jet.

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

Fire gives rise to dense black smoke. In case of fire and/or explosion do not breathe fumes.

Special protective equipment for fire-fighters

Use appropriate respiratory protection.

Additional information

Cool affected receptacles with water. Contaminated fire-fighting water must not get into the sewerage network.

6. Accidental release measures

Personal precautions

Remove from all sources of ignition. Provide adequate ventilation. Do not breathe in vapours.

Environmental precautions

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

Methods for cleaning up/taking up

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Treat the assimilated material according to the section on waste disposal. Do not use any solvents or diluents!

7. Handling and storage

Handling**Advice on safe handling**

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Keep away from ignition sources and naked flames. Take precautionary measures against static discharges. Earth receptacles. Wear antistatic work clothing. Only use anti-static equipped (spark-free) tools. Avoid contact with skin and eyes. Do not breathe in vapours or spray mists. When using do not eat, drink or smoke.

Advice on protection against fire and explosion

Concentrated vapors are heavier than air. Fumes may form explosive mixtures with air.

Storage

Requirements for storage rooms and vessels

Electrical equipment and operating resources must comply with the state of the art. Take precautionary measures against static discharges. Keep away from ignition sources and naked flames. Keep receptacles tightly sealed. Keep opened receptacles upright to prevent leakage.

Advice on storage compatibility

Keep away from: acid. Oxidizing agents. Base.

Further information on storage conditions

Store only in original container. Keep in well sealed receptacles at a cool, dry location. Keep away from ignition sources and naked flames.

Do not store at temperatures over: 25°C

Do not store at temperatures under: 10°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
108-65-6	1-Methoxypropyl acetate	50	274		TWA (8 h)	WEL
		100	548		STEL (15 min)	WEL
123-86-4	Butyl acetate	150	724		TWA (8 h)	WEL
		200	966		STEL (15 min)	WEL
100-41-4	Ethylbenzene	100	441		TWA (8 h)	WEL
		125	552		STEL (15 min)	WEL
1330-20-7	Xylene, o-, m-, p- or mixed isomers	100	441		TWA (8 h)	WEL
		150	662		STEL (15 min)	WEL

Exposure controls

Occupational exposure controls

Ventilate adequately storage and work rooms.

Respiratory protection

Respiratory equipment for high concentrations. Filter respirator (full mask or mouth-piece) with filter: A2P2

Hand protection

Wear protective gloves. (EN 374)
glove thickness: min. 0,75 mm
penetration time: > 480 min

Eye protection

Tightly sealed safety glasses. (EN 166)

Skin protection

antistatic.

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9. Physical and chemical properties

General information

Physical state : liquid
 Colour : colourless
 Odour : characteristic

Important health, safety and environmental information

Test method

Changes in the physical state

Flash point :	28 °C	DIN 53213
Lower explosion limits :	0,8 vol. %	
Upper explosion limits :	8,1 vol. %	
Vapour pressure :	5 hPa	
(at 20 °C)		
Density (at 20 °C) :	0,98 g/cm ³	
Water solubility :	insoluble	

Solvent separation test

< 3% ADR/RID

Solvent content

61%

Other information

Ignition temperature : 333 °C

10. Stability and reactivity

Conditions to avoid

Stabile under the specified storage conditions.

Materials to avoid

Exothermic reactions with: strong acid and alkalis Oxidizing agents.

Hazardous decomposition products

High temperatures can give rise to hazardous decomposition products. smoke. Carbon monoxide. Carbon dioxide. nitrogen oxides (NOx).

11. Toxicological information

Empirical data on effects on humans

Inhaling solvent fractions above the air limit can cause damage to health, e.g. irritation to the mucous membranes and respiratory organs and damage to the liver, kidneys, and central nervous system. The typical signs are headaches, dizziness, fatigue, muscle weakness, numbness, and in serious cases unconsciousness. The typical signs are headaches, dizziness, fatigue, muscle weakness, numbness, and in serious cases unconsciousness. Solvents can cause some of the above effects through skin resorption. Repeated and sustained skin contact can cause demoiurisation and irritation. Sprays may cause irritation to the eye and reversible damage.

Further information

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

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Ecotoxicity

Do not let the product enter the groundwater, open water, or the sewerage system. 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**Advice on disposal**

Do not allow to enter the sewerage system.

Waste disposal number of used product

080111 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 containing organic solvents or other 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**Land transport (ADR/RID)**

UN number :	1263
ADR/RID class :	3
Warning plate	
Hazard-no. :	30
Hazard label :	3
ADR/RID packing group :	III

Description of the goods

FARBE (einschließlich Farbe, Lack, Emaille, Beize, Schellack, Firnis, Politur, flüssiger Füllstoff und flüssige Lackgrundlage) oder FARBZUBEHÖRSTOFFE (einschließlich Farbverdünnung und -lösemittel)

Marine transport

UN number :	1263
IMDG code :	3
Marine pollutant :	p
Hazard label :	3
IMDG packing group :	III
EmS :	F-E, S-E

Description of the goods

PAINT

Air transport

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

Description of the goods

paint and paint related material

15. Regulatory information**Labelling**

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Danger symbols : Xi - Irritant

R phrases

- 10 Flammable.
 43 May cause sensitization by skin contact.
 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)
 24 Avoid contact with skin.
 37 Wear suitable gloves.
 38 In case of insufficient ventilation, wear suitable respiratory equipment.
 51 Use only in well-ventilated areas.

Additional advice on labelling

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

National regulatory information

Employment restrictions : Observe employment restrictions for young people.; Observe employment restrictions for child bearing mothers and nursing.
 Water contaminating class : 2 - water contaminating

Additional information

BGR 190 "Benutzung von Atemschutzgeräten"
 BGR 192 "Benutzung von Augen- und Gesichtsschutz"
 BGR 195 "Einsatz von Schutzhandschuhen"

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

- 10 Flammable.
 11 Highly flammable.
 20 Harmful by inhalation.
 20/21 Harmful by inhalation and in contact with skin.
 36 Irritating to eyes.
 38 Irritating to skin.
 43 May cause sensitization by skin contact.
 45 May cause cancer.
 51 Toxic to aquatic organisms.
 53 May cause long-term adverse effects in the aquatic environment.
 65 Harmful: may cause lung damage if swallowed.
 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.