

SAFETY DATA SHEETS

This SDS packet was issued with item:

071560390

N/A

Safety Data Sheet according to the guideline (EC) 1907/2006

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Date of print: 2011-06-28
 Date of last alteration: 2011-06-08 - Version: 2.0 English
 Art.-No., Product name: **03004 Primo Adhesive**

DETAX**1 Identification of the substance or preparation and of the company**



- 1.1 Identification of the substance/the preparation:
 Commercial Product Name: Primo
- 1.2 Use of the substance/the preparation: Professional.
 Adhesive for denture relinings for use in dentistry.
- 1.3 Company / undertaking identification:
 Manufacturer / distributor: DETAX GmbH & Co. KG
 Street / POB-No.: Carl-Zeiss-Str. 4
 State / postal code / city: D-76275 Ettlingen
 Telephone: +49 7243/510-0 Telefax: +49 7243/510-100
 E-Mail: post@detax.de
- 1.4 Emergency number:
Infotrac: (800) 535-5053
Buffalo Dental Manufacturing: 516-496-7200
(Available Monday-Friday, 8:30AM-4:30PM)

2 Hazards identification

- 2.1 Classification
 Classification (67/548/EEC, 1999/45/EC):

R-Phrases	Indication
R 11	Highly flammable.
R 20	Harmful by inhalation.

- 2.2 Labelling
 Labelling (67/548/EEC, 1999/45/EC):

	F	Highly flammable
	Xn	Harmful


R-Phrases	Indication
R 11	Highly flammable.
R 20	Harmful by inhalation.

S-Phrases	Indication
S 16	Keep away from sources of ignition – No smoking.
S 23	Do not breathe vapour.
S 26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Hazardous ingredients (Labelling according to EC): Contains: Trimethoxyvinylsilane.

3 Composition / information on ingredients

- 3.1 Chemical characterisation (preparation):
 Description: Mixture of methoxy- and ethoxy silane derivatives.
- 3.2 Hazardous ingredients:

Ingredient	CAS-No.	EC-No.	Index-No.	Concentration	Hazard symbols	R-Phrases
Vinyltrimethoxy-silane	2758-02-7	220-449-8	-	60 - 80%		10-20

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3.3	Further information:	The identification letters and the R-Phrases are described under section 16.
4	First aid measures	
4.1	General information:	In case of accident or if you feel unwell, seek medical advice (if possible, show the label or this MSDS). Take off immediately all contaminated clothing.
4.2	After inhalation:	Seek medical advice immediately. Move to fresh air and lay the victim restful down, in case of respiratory distress in a half-sitting position; in case of unconsciousness but with existing respiration in a stable lateral position. If necessary, give breathe donation.
4.3	After contact with the skin:	Wash immediately with plenty of water and soap. In case of visible skin reaction or persisting irritation, seek medical advice.
4.4	After contact with the eyes:	Rinse the open eyes immediately with plenty of water for at least 15 minutes, seek immediately medical advice.
4.5	After swallowing:	Seek medical advice immediately (release of methanol by hydrolysis). Do not induce vomiting (danger of aspiration). In case of spontaneous vomiting take care of an unhindered flow out of the vomit (danger of suffocation).
4.6	Autoprotection of the first assistant:	Take care of a sufficient autoprotection (hand protection, foil mask "Life key").
5	Fire fighting measures	
5.1	Suitable extinguishing media:	Water mist, dry powder, carbon dioxide, alcohol-resistant foam.
5.2	Extinguishing media which must not be used for safety reasons:	Water jet.
5.3	Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases:	Possible formation of harmful decomposition products, silanes. Do not breathe combustion gases.
5.4	Special protective equipment for fire fighting:	Use respiratory protection independent of recirculated air. In case of massive release of harmful substances, wear suitable protective clothing. Accomplish decontamination by means of explosion-proofed equipment.
5.5	Further information: Class of fire (Germany):	B (Liquid or melting substances).
6	Accidental release measures	
6.1	Personal precautions:	Avoid unprotected exposure. Wear suitable protective clothing. Remove all sources of ignition.
6.2	Environmental precautions:	Keep away from sewage treatment plants, in-shore waters and earth. Observe local byelaws.
6.3	Methods for cleaning up:	Absorb with liquid binding material (sand, diatomaceous earth) and collect it in a suitable container, labelled according to regulations (for disposal see section 13).
7	Handling and storage	
7.1	Handling:	Increase in pressure, danger of bursting and explosion under heat.
	Precautions for safe handling:	

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DETAXArt.-No., Product name: **03004 Primo Adhesive****Precautions against fire and explosion:**

Take precautionary measures against static discharges. Keep away from sources of ignition - No smoking. Remove all containers not yet affected by fire. Cool endangered containers with water mist.

7.2 Storage:

Conditions for storage rooms and vessels: Store in a cool, dry and well-ventilated place, away from food-stuffs. Keep containers always tightly closed. Provide for sufficient ventilation.

Advice for storage of incompatible materials: Do not store with spontaneously flammable or combustible materials.

Further information for storage:**Storage class (Germany):**

3 (Flammable liquid substances).

Keep at temperature not exceeding 25 °C / 77 °F. Protect against overheating and air/oxygen supply. Keep away from water.

7.3 Definite use:

Adhesive for silicone based denture relinings for use by trained specialist staff.

8 Exposure controls and personal protection**8.1 Exposition limit values:**

Associate substances with specific control parameters such as limit values: No associated substances with specific control parameters.

8.2 Limitation and control of the exposition**8.2.1 Limitation and control of the exposition at the place of work:**

General protection and hygiene measures: The usual precautions in handling with chemicals must be respected. When using do not eat, drink or smoke. Take off immediately all contaminated clothing. Do not breathe vapours. Provide for sufficient ventilation / suction system.

Personal protection equipment:**Respiratory protection:**

In exceptional situations like insufficient ventilation, liberation of vapours and aerosols, respiratory protection should be worn. (Respiratory protection: Gas filter ABEK). Consider the maximum period for wear.

Hand protection:

Use protective gloves. Check the tightness before wear. Gloves should be well cleaned before being removed, then stored in a well ventilated location.

Suitable are gloves of the following materials (permeation time ≥ 8 hours):

Nitrile rubber/Nitrile latex – NBR (0.35 mm)

Butyl rubber – Butyl (0.5 mm)

Fluoro carbon rubber – FKM (0.4 mm).

Unsuitable are gloves of the following materials:

Natural rubber/Natural latex - NR; Polychloroprene – CR;

Polyvinyl chloride – PVC.

Textile or leather gloves are completely unsuitable.

The times listed are suggested by measurements taken at 22 °C / 72 °F and constant contact. Temperatures raised by warmed substances, body heat, etc. and a weakening of the effective layer thickness caused by expansion can lead to a significantly shorter breakthrough time.

In case of doubt contact the gloves' manufacturer.

Eye protection:

Wear protective goggles / face protection.

Body protection:

Wear working clothing.

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DETAX**9 Physical and chemical properties****9.1 Appearance**

Form: liquid
 Colour: transparent
 Odour: faintly aromatic

9.2 Important information on health and environmental protection and on safety: Method (67/548/EEC)

pH-value	n.a.	
Boiling point	135 - 140 °C / 275 - 284 °F	DIN 51356
Flash point	12 °C / 54 °F	DIN 51755
Ignition temperature	> 260 °C / 500 °F	DIN 51794
Vapour pressure	approx. 2.5 hPa at 20 °C/68 °F y < 110 kPa at 50 °C/122 °F	
Density	approx. 0.94 g/cm ³ at 20 °C/68 °F	DIN 51757
Solubility in water	virtually insoluble	
Distribution coefficient octanol / water:	n.a.	
Viscosity, dynamic	approx. 1.3 mPa.s at 23 °C/73 °F	Brookfield
Explosion limits	not tested	

9.3 Further information:

Thermal decomposition

> 120 °C/248 °F

10 Stability and reactivity**10.1 Conditions to avoid:**

Higher temperatures advance the formation of explosive vapour-air mixtures, therefore don't expose the product to increased temperatures.

10.2 Materials to avoid:

Reacts with oxidising agents, spontaneously flammable or combustible materials. Slow decomposition in water.

10.3 Hazardous decomposition products:

If stored and handled in accordance with standard industrial practices, no hazardous decomposition products are known. In case of hydrolysis, methanol is released.

11 Toxicological information**11.0 General information:**

Unprotected long-term exposure may cause damage to health. Pulmonary disorder can be expected if aerosol mist is inhaled.

11.1 Toxicological tests

Acute toxicity
 Acute oral toxicity:

For the product itself no toxicological data are available. In products with a comparable composition, a LD₅₀ (orally, species rat) of more than 5 000 mg/kg has been found.

Acute cutaneous toxicity:

For the product itself no toxicological data are available. In products with a comparable composition, a LD₅₀ (intracutaneous, species rabbit) of more than 3 000 mg/kg has been found.

Irritative effect to the skin:

The irritative capacity of products with a comparable composition has been tested on rabbits. Not any effects up to slightly irritating effects occurred.
 In case of prolonged and/or frequent skin contact, irritations cannot be excluded.

Irritative effect to the eyes:

Analogous products have been tested on rabbits. Slight irritations arised.
 In case of prolonged exposure, irritations to the mucosal membranes of the eyes are possible.

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Do not introduce into purification plants.

12.2 Mobility: No data available.

12.3 Persistence and degradability
Biodegradation / further information: The hydrolysis products are easily biodegradable.

12.4 Potential of biological accumulation: A biological accumulation is not to be expected.

12.5 Other harmful effects: A hazard for drinking water sources is possible when very large quantities get into the earth and ground water.

12.6 Further ecotoxicological effects: Avoid escape into water, drainage, sewer, or the ground.

13 Disposal considerations13.1 Waste management (product): Recommendation: Dispose of according to regulations by incineration in a special waste incinerator.
Observe the local byelaws.

European Waste Catalogue Ref.No.: Please ask your local waste disposal company about the correct Ref.No. according to the European Waste Catalogue.

13.2 Contaminated packaging: Recommendation: Fully empty containers (no tear drops, no powder rest, scraped carefully). Containers may be recycled or re-used.
Observe local/national byelaws.**14 Transportation information**

14.1 Land transportation ADR/RDI and GGVS/GGVE:

GGVS/GGVE-class.....: 3 cl.-code F1

ADR/RID-class.....: 3 cl.-code F1

Transportation emergency card number: 3

Warning board - Hazard No.: 33 Substance No.: 1866 PG: II

Nomenclature.....: Resin solution

(Vapour pressure at 50 °C/122 °F not more than 110 kPa)

Further information.....: Flammable liquid

Tunnel restriction code : D/E

Limited Quantities: 5 L / 30 kg

14.2 Inland navigation ADN/ADNR:

Further information: No data available.

14.3 Transportation by sea IMDG/GGVsea:

IMDG/GGVsea-class ..: 3 Label 3 UN-No.: 1866 PG: II

EmS-No.....: F-E, S-E

Marine pollutant: no

Proper shipping name..: Resin solution

Technical name.....: Flammable liquid

Flash point: 12 °C c.c.

LTD. QTY.....: 5 L / 30 kg

14.4 Air transportation ICAO-TI and IATA-DGR transportation by air:

ICAO/IATA-class.....: 3 Label 3 UN-No.: 1866 PG: II Page: 246 (52 edition)

Proper shipping name..: Resin solution

Technical name.....: Flammable liquid

Packing instructions.....: PAC: 353 Max. net.: 5 L

CAO: 364 Max. net.: 60 L

EQ E2.....: 30 mL / 500 mL

LTD. QTY.....: 5 L / 30 kg (341)

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15 Regulatory information

- 15.1 National regulations (Germany):
Observe local/national byelaws.

Information for labelling is given in section 2 of this document.

Occupational restrictions: Observe the restrictions on juvenile employment as defined in the „Jugendarbeitsschutzgesetz“.
Observe the restrictions on the employment of expectant and nursing mothers as defined in the „Mutterschutzverordnung“.

Classification of possible adverse effects in the aquatic environment (Wassergefährdungsklasse):
Class 1 (slight adverse effects in the aquatic environment).

Classification according to VbF (repealed): A I

16 Other information

- 16.1 Wording of the R-phrases under section 3:

R-Phrases and identification letters

R-Phrases:

R 11 Highly flammable.
R 20/21 Harmful by inhalation and contact with skin.
R 38 Irritating to skin.

Identification letters:

F Highly flammable Xn Harmful

- 16.2 Further information

Explanation of the abbreviations:

n.a. = not applicable n.s. = not subject to

- 16.3 Literature register

Richtlinie 1999/45/EG für die Einstufung, Verpackung und Kennzeichnung gefährlicher Zubereitungen

Richtlinie 67/548/EWG für die Einstufung, Verpackung und Kennzeichnung gefährlicher Stoffe, Anhang I

Neue Datenblätter für gefährliche Arbeitsstoffe nach der Gefahrstoffverordnung, WEKA-Verlag, Loseblattsammlung mit Ergänzungslieferungen

Sicherheitstechnische Kenndaten chemischer Stoffe, ecomed-Verlag, Loseblattsammlung mit Ergänzungslieferungen

Handbuch der Abfallentsorgung, ecomed-Verlag, Loseblattsammlung mit Ergänzungslieferungen

Erste Allgemeine Verwaltungsvorschrift zum Bundes-Immissionsschutzgesetz (Technische Anleitung zur Reinhaltung der Luft – TA Luft)

VCI: Leitfaden für die Zusammenlagerung von Chemikalien

DFG Deutsche Forschungsgemeinschaft: MAK- und BAT-Werte – Liste 2007

Allgemeine Verwaltungsvorschrift zur Änderung der Verwaltungsvorschrift wassergefährdender Stoffe - VwVwS vom 27. Juli 2005

Safety data sheets and further information from manufacturers / distributors

BGIA GESTIS-Stoffdatenbank, Online research

ADR 2011, Verkehrsverlag Fischer Düsseldorf

IMDG-Code 2011, Amendment 35-10, Verkehrsverlag Fischer Düsseldorf

IATA Gefahrgutvorschriften, 52. Ausgabe, International Air Transport Association Montreal

- 16.4 Product:

The given information describes exclusively the safety requirements of the product(s) and is based on our present-day knowledge. It does not represent a guarantee for the properties of the product(s) described in terms of the legal warranty regulations.

This Safety Data Sheet has been adjusted to the Directive (EC) 453/2010.

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Product code: 10227

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SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Primo Adhesive

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture

Adhesive for denture relinings for use in dentistry.

1.3. Details of the supplier of the safety data sheet

Company name:	DETAX GmbH & Co. KG		
Street:	Carl-Zeiss-Strasse		
Place:	D-76275 Ettlingen		
Telephone:	+49 7243/510-0	Telefax:	+49 7243/510-100
e-mail:	post@detax.de		
Internet:	www.detax.de		
Responsible Department:	Emergency number:		

+49 7243/510-0

This number is only obtainable during office hours (Monday - Thursday 8.00 a.m. - 5.00 p.m., Friday 8.00 a.m. - 4.00 p.m.)

1.4. Emergency telephone number:

+49 7243/510-0

This number is only obtainable during office hours (Monday - Thursday 8.00 a.m. - 5.00 p.m., Friday 8.00 - 4.00 p.m.)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Hazard categories:

Flammable liquid: Flam. Liq. 2

Hazard Statements:

Highly flammable liquid and vapour.

2.2. Label elements

Signal word:

Danger

Pictograms:



Hazard statements

H225 Highly flammable liquid and vapour.

Precautionary statements

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. 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): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P370+P378	In case of fire: Use Carbon dioxide (CO2), Foam, Extinguishing powder to extinguish.

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P403+P235

P501

Store in a well-ventilated place. Keep cool.

Dispose of contents/container to according to local and applicable legislation of dispose of waste.

2.3. Other hazards

No information available.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization

Mixture of ethoxy silane derivatives.

SECTION 4: First aid measures

4.1. Description of first aid measures

After inhalation

Provide fresh air.

After contact with skin

Wash with plenty of water. Take off contaminated clothing and wash it before reuse.

After contact with eyes

Rinse immediately carefully and thoroughly with eye-bath or water.

After ingestion

Observe risk of aspiration if vomiting occurs. Rinse mouth immediately and drink plenty of water. Seek immediately medical advice. Do not induce vomiting. In case of spontaneous vomiting take care of an unhindered flow out of the vomit (danger of suffocation).

4.2. Most important symptoms and effects, both acute and delayed

No information available.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Carbon dioxide (CO₂), Foam, Extinguishing powder.

Unsuitable extinguishing media

Water.

5.2. Special hazards arising from the substance or mixture

Flammable. Vapours can form explosive mixtures with air.

5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus.

Additional information

Use water spray jet to protect personnel and to cool endangered containers. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Remove all sources of ignition.

6.2. Environmental precautions

Do not allow uncontrolled discharge of product into the environment. Danger of explosion

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6.3. Methods and material for containment and cleaning up

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).
Treat the recovered material as prescribed in the section on waste disposal.

6.4. Reference to other sections

Safe handling: see section 7
Personal protection equipment: see section 8
Disposal: see section 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

No special measures are necessary.

Advice on protection against fire and explosion

Keep away from sources of ignition. - No smoking. Take precautionary measures against static discharges. Vapours can form explosive mixtures with air.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed. Keep in a cool, well-ventilated place. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Advice on storage compatibility

Do not store together with: Oxidising agent. Pyrophoric or self-heating substances.

7.3. Specific end use(s)

Adhesive for silicone based denture relinings.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.2. Exposure controls

Protective and hygiene measures

Take off contaminated clothing. Wash hands before breaks and after work. When using do not eat or drink.

Eye/face protection

Wear eye/face protection.

Hand protection

When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

Suitable are gloves of the following material: Butyl caoutchouc (butyl rubber)

Skin protection

Flame-retardant protective clothing. Wear anti-static footwear and clothing

Respiratory protection

In case of inadequate ventilation wear respiratory protection.

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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	liquid:
Colour:	colourless
Odour:	aromatic

Test method

pH-Value:	not determined
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Changes in the physical state

Melting point:	not determined
Initial boiling point and boiling range:	135-140 °C DIN 51356
Flash point:	12 °C DIN 51755

Flammability

Solid:	not applicable
Gas:	not applicable
Lower explosion limits:	not determined
Upper explosion limits:	not determined
Ignition temperature:	>260 °C DIN 51794

Auto-ignition temperature

Solid:	not applicable
Gas:	not applicable
Decomposition temperature:	>120 °C

Oxidizing properties

Not oxidizing.

Vapour pressure: (at 20 °C)	2,5 hPa
Vapour pressure: (at 50 °C)	1100 hPa
Density (at 20 °C):	0,94 g/cm³ DIN 51757
Water solubility:	insoluble

Solubility in other solvents

not determined

Partition coefficient:	not determined
Viscosity / dynamic: (at 23 °C)	1,3 mPa·s BROOKFIELD
Vapour density:	not determined
Evaporation rate:	not determined

9.2. Other information

Solid content:	not determined
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SECTION 10: Stability and reactivity

10.1. Reactivity

Flammable, Ignition hazard.

10.2. Chemical stability

according to Regulation (EC) No 1907/2006

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The product is stable under storage at normal ambient temperatures.

10.3. Possibility of hazardous reactions

Reacts with : oxidising agents, spontaneously flammable or combustible materials. Slow decomposition in water.

10.4. Conditions to avoid

Keep away from sources of heat (e.g. hot surfaces), sparks and open flames. Vapours can form explosive mixtures with air.

10.5. Incompatible materials

No information available.

10.6. Hazardous decomposition products

In case of hydrolysis, methanol is released.

SECTION 11: Toxicological information**11.1. Information on toxicological effects****Acute toxicity**

Based on available data, the classification criteria are not met.
For the product itself no toxicological data are available. In products with a comparable composition, a LD50 (orally, species rat) of > 5000 mg/kg has been found. In products with a comparable composition a LD50 (intracutaneous, species rabbit) of >2000 mg/kg has been found.

Irritation and corrosivity

Based on available data, the classification criteria are not met.

Sensitising effects

Based on available data, the classification criteria are not met.

STOT-single exposure

Based on available data, the classification criteria are not met.

Severe effects after repeated or prolonged exposure

Based on available data, the classification criteria are not met.

Carcinogenic/mutagenic/toxic effects for reproduction

Based on available data, the classification criteria are not met.

Aspiration hazard

Based on available data, the classification criteria are not met.

SECTION 12: Ecological information**12.1. Toxicity**

The product is not: Ecotoxic.

12.2. Persistence and degradability

The product has not been tested.

12.3. Bioaccumulative potential

The product has not been tested.

12.4. Mobility in soil

The product has not been tested.

12.5. Results of PBT and vPvB assessment

Not identified as PBT/ vPvB substances

12.6. Other adverse effects

No information available.

Further information

Avoid release to the environment.

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SECTION 13: Disposal considerations

13.1. Waste treatment methods

Advice on disposal

Do not allow to enter into surface water or drains. Dispose of waste according to applicable legislation.

Contaminated packaging

Wash with plenty of water. Completely emptied packages can be recycled.

SECTION 14: Transport information

Land transport (ADR/RID)

14.1. UN number:	UN 1866
14.2. UN proper shipping name:	Resin solution
14.3. Transport hazard class(es):	3
14.4. Packing group:	II
Hazard label:	3
Classification code:	F1
Limited quantity:	5 L
Transport category:	2
Hazard No:	33
Tunnel restriction code:	D/E

Other applicable information (land transport)

Flammable liquid

Marine transport (IMDG)

14.1. UN number:	UN 1866
14.2. UN proper shipping name:	Resin solution
14.3. Transport hazard class(es):	3
14.4. Packing group:	II
Hazard label:	3
Marine pollutant:	-
Special Provisions:	-
Limited quantity:	5 L/ 30 kg
EmS:	F-E, S-E

Other applicable information (marine transport)

Flash point: 12°C c.c.

Air transport (ICAO)

14.1. UN number:	UN 1866
14.2. UN proper shipping name:	Resin solution
14.3. Transport hazard class(es):	3
14.4. Packing group:	II
Hazard label:	3
Special Provisions:	A3
Limited quantity Passenger:	1 L/ 30 kg
Passenger LQ:	Y341
IATA-packing instructions - Passenger:	353
IATA-max. quantity - Passenger:	5 L
IATA-packing instructions - Cargo:	364

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IATA-max. quantity - Cargo:

60 L

14.6. Special precautions for user

Warning: Combustible liquid.

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

EU regulatory information

Additional information

To follow: 850/2004/EC, 79/117/EEC, 689/2008/EC

National regulatory information

Employment restrictions:

Observe employment restrictions for young people.

Water contaminating class (D):

1 - slightly water contaminating

15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information

Abbreviations and acronyms

ADR: Accord européen sur le transport des marchandises dangereuses par Route
(European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service

LC50: Lethal concentration, 50%

LD50: Lethal dose, 50%

Relevant H- and EUH-phrases (Number and full text)

H225

Highly flammable liquid and vapour.

Further Information

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

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