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

### 1.1. Product identifier

Name of product Gelcoat Repair Filler white  
Art-Nr 11.5046.00

### 1.2. Relevant identified uses of the substance or mixture and uses advised against Recommended intended purpose(s)

One component filler

### 1.3. Details of the supplier of the safety data sheet

Manufacturer/distributor Yachticon A. Nagel GmbH  
Hans-Böckler-Ring 33, D-22851 Norderstedt  
Phone +49 40 511 37 80, Fax +49 40 51 74 37  
E-Mail yachticon@yachticon.de  
Internet www.yachticon.de

### Advice

Phone +49 40 511 37 80  
Fax +49 40 51 74 37  
E-mail (competent person):  
yachticon@yachticon.de

### 1.4. Emergency telephone number

#### Emergency advice

Phone +49 40 511 37 80  
This number is only available at office times.

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## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

#### Classification according to Regulation (EC) No 1272/2008 [CLP/GHS]

Hazard classes and Hazard categories	Hazard Statements	Classification procedure
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Flam. Liq. 3	H226	
STOT SE 3	H336	

#### Hazard statements for physical hazards

H226 Flammable liquid and vapour.

#### Hazard statements for health hazards

H336 May cause drowsiness or dizziness.

#### Additional hints

This mixture is classified as hazardous according to Regulation (EC) No 1272/2008 [GHS].

### 2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008 [CLP/GHS]



GHS02



GHS07

**Signal word**

Warning

**Hazard statements for physical hazards**

H226 Flammable liquid and vapour.

**Hazard statements for health hazards**

H336 May cause drowsiness or dizziness.

**Precautionary Statements**

**General**

P102 Keep out of reach of children.

**Prevention**

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.

No smoking.

P233 Keep container tightly closed.

P243 Take precautionary measures against static discharge.

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P271 Use only outdoors or in a well-ventilated area.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

**Response**

P312 Call a POISON CENTER/doctor/.../if you feel unwell.

P370 + P378 In case of fire: Use extinguishing powder or foam for extinction.

**Storage**

P403 + P235 Store in a well-ventilated place. Keep cool.

**Disposal**

P501 Dispose of contents/container to an approved waste handling.

**Supplemental Hazard information (EU)**

**Health properties**

Repeated exposure may cause skin dryness or cracking.

**2.3. Other hazards**

No information available.

**SECTION 3: Composition/ information on ingredients**

**3.2. Mixtures**

**Hazardous ingredients**

CAS No	EC No	Name	[% weight]	Classification according to Regulation (EC) No 1272/2008 [CLP/ GHS]
67-63-0	200-661-7	propan-2-ol	2,5 - 10	Flam. Liq. 2, H225 / Eye Irrit. 2, H319 / STOT SE 3, H336
108-65-6	203-603-9	2-methoxy-1-methylethylacetate	2,5 - 10	Flam. Liq. 3, H226

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## REACH

CAS No	Name	REACH registration number
67-63-0	propan-2-ol	01-2119457558-25-XXXX

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## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### General information

Remove contaminated soaked clothing immediately and dispose it safely.

#### In case of inhalation

Ensure of fresh air.

In the event of symptoms refer for medical treatment.

#### In case of skin contact

In case of contact with skin wash off with soap and water.

Consult a doctor if skin irritation persists.

#### In case of eye contact

Medical treatment by eye specialist.

In case of contact with eyes rinse thoroughly with water.

Remove contact lenses.

#### In case of ingestion

Do not induce vomiting.

Refer to medical treatment.

Rinse out mouth thoroughly with water.

### 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

No information available.

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## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

#### Suitable extinguishing media

Dry fire-extinguishing substance

Carbon dioxide

sand

#### Unsuitable extinguishing media

water

### 5.2. Special hazards arising from the substance or mixture

In case of fire formation of dangerous gases possible.

Nitrogen gases (NO<sub>x</sub>)

Carbon monoxide (CO)

Carbon dioxide (CO<sub>2</sub>)

### 5.3. Advice for firefighters

#### Special protective equipment for fire-fighters

Use breathing apparatus with independent air supply.

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**Additional information**

Cool endangered containers with water spray jet.

Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

Residues of fire and contaminated fire extinguishing water must not enter drains, surface water or groundwater.

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**SECTION 6: Accidental release measures**

**6.1. Personal precautions, protective equipment and emergency procedures**

**For non-emergency personnel**

Avoid skin and eye contact.

Keep away from heat and sources of ignition.

Ensure adequate ventilation / exhaustion at the workplace.

**6.2. Environmental precautions**

Do not discharge into the drains/surface waters/groundwater.

If product enters water course or sewage system, inform the responsible authority.

**6.3. Methods and material for containment and cleaning up**

Do not distribute the product with water.

Take up residues with absorbent material (e.g. sand, general-purpose binder).

**Additional Information**

Remove all sources of ignition. Avoid open flames.

**6.4. Reference to other sections**

Safe handling: see section 7

Disposal: see section 13

Personal protection equipment: see section 8

Emergency telephone number: see section 1

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**SECTION 7: Handling and storage**

**7.1. Precautions for safe handling**

**Advice on safe handling**

Take measures against electrostatically charging.

Avoid impact, friction and electrostatically charging; risk of ignition!

Take the usual precautions when handling with chemicals.

Handle in accordance with good industrial hygiene and safety practice.

**General protective measures**

Do not inhale vapours.

Avoid contact with eyes and skin

**Hygiene measures**

Do not eat or drink when working.

Clean skin thoroughly after working.

Cloths contaminated with product should not be kept in trouser pockets.

At work do not eat, drink and smoke.

Remove soiled or soaked clothing immediately.

Wash hands before breaks and after work.

Use barrier skin cream.

**Gelcoat Repair Filler white****Advice on protection against fire and explosion**

Keep away from sources of ignition - No smoking

Vapours can form an explosive mixture with air.

The vapours of product are heavier than air.

Use explosion-proof equipment / fittings and non-sparking tools.

**7.2. Conditions for safe storage, including any incompatibilities****Requirements for storage rooms and vessels**

Keep in closed original container.

**Advice on storage compatibility**

Keep at distance to combustile materials.

Do not store together with oxidizing agents.

**Further information on storage conditions**

Keep container tightly closed and store at cool and aired place.

Exclude sources of ignition - No smoking.

Protect from heat and direct solar radiation.

Recommended storage temperature: 15-30 ° C.

**Storage group** 3

**7.3. Specific end use(s)**

No information available.

**SECTION 8: Exposure controls/personal protection****8.1. Control parameters****Indicative occupational exposure limit values (91/322/EEC, 2000/39/EC, 2006/15/EC or 2009/161/EU)**

CAS No	Name	Code	[mg/m3]	[ppm]	Remark
108-65-6	2-methoxy-1-methylethylacetate	8 hours	275	50	skin
		Short-term	550	100	

**biological limits (TRGS 903)**

CAS No	Name	Parameter	BGW	Examination material	Test date
67-63-0	propan-2-ol	Aceton	25 mg/l	B	b
67-63-0	propan-2-ol	Aceton	25 mg/l	U	b

**8.2. Exposure controls****Respiratory protection**

In case of insufficient ventilation or long-term effect use breathing apparatus.

Short term: filter apparatus, Filter A/P2

**Hand protection**

The selection of the suitable gloves does not only depend on different material, but also on further marks of quality and varies from manufacturer to manufacturer.

The exact breakthrough time of the glove material can be requested from the protective glove manufacturer and must be observed.

**Eye protection**

safety goggles with side protection

**Other protection measures**

Light protective clothing, antistatic

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

<b>Appearance</b> liquid	<b>Colour</b> various, depending on coloration	<b>Odour</b> characteristic
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**Odour threshold**  
 No information available.

### Important health, safety and environmental information

	Value	Temperature	at	Method	Remark
<b>pH value</b>	No information available.				
<b>boiling point</b>	82 °C				
<b>Melting point / Freezing point</b>	No information available.				
<b>Flash point</b>	33 °C			DIN 53213	
<b>Vapourisation rate</b>	No information available.				
<b>Flammable (solid)</b>	No information available.				
<b>Flammability (gas)</b>	No information available.				
<b>Ignition temperature</b>	370 °C			DIN 51794	
<b>Self ignition temperature</b>					The product is not self-igniting.
<b>Lower explosion limit</b>	1,2 Vol-%				
<b>Upper explosion limit</b>	7,5 Vol-%				
<b>Vapour pressure</b>	10,7 hPa	20 °C			
<b>Relative density</b>	1,531 g/cm <sup>3</sup>			DIN 53217	
<b>Vapour density</b>	No information available.				
<b>Solubility in water</b>					more or less insoluble
<b>Solubility/other</b>	No information available.				
<b>Partition coefficient n-octanol/water (log P O/W)</b>	No information available.				
<b>Decomposition temperature</b>	No information available.				
<b>Viscosity dynamic</b>	10000 mPa*s	20 °C			

**Gelcoat Repair Filler white**

	Value	Temperature	at	Method	Remark
<b>Solvent concentration</b>	29 %				
<b>Solids content</b>	71 Gew-%				
<b>Oxidising properties</b> No information available.					
<b>Explosive properties</b> No information available.					
<b>9.2. Other information</b> No information available.					

**SECTION 10: Stability and reactivity**

**10.1. Reactivity**

No information available.

**10.2. Chemical stability**

Stable under normal conditions of use.

Stable under recommended storage conditions.

**10.3. Possibility of hazardous reactions**

Keep away from strong acids, strong bases and strong oxidizing agents, in order to avoid exothermic reactions.

**10.4. Conditions to avoid**

Heat, open flames, sparks

**10.5. Incompatible materials**

**Materials to avoid**

Alkali (lye)

Acid

Oxidising agent, strong

**10.6. Hazardous decomposition products**

Concerning possible decomposition products see section 5.

**Thermal decomposition**

Remark No decomposition if used as directed.

**SECTION 11: Toxicological information**

**11.1. Information on toxicological effects**

**Acute toxicity/Irritability/Sensitization**

	Value/Validation	Species	Method	Remark
<b>Irritability skin</b>	non-irritant			
<b>Irritability eye</b>	non-irritant			

	Value/Validation	Species	Method	Remark
<b>Skin sensitization</b>	No known sensitization.			

**Experiences made from practice**

Inhalation of large amounts of solvents can cause health effects such as Irritation of mucous membranes and respiratory system, damage to the liver, kidneys and central nervous system.

Possible symptoms are: headache, dizziness, fatigue,

Muscular weakness, drowsiness and in extreme cases loss of consciousness.

Repeated or prolonged contact with the product leads to degreasing of the skin and may cause non-allergic skin problems (contact dermatitis) and / or absorption of harmful substances.

Solvents may cause some of the aforementioned effects through skin resorption.

Solvent splashes can cause irritation and reversible damage on the eye.

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

No information available.

**12.2. Persistence and degradability**

No information available.

**12.3. Bioaccumulative potential**

No information available.

**12.4. Mobility in soil**

No information available.

**12.5. Results of PBT and vPvB assessment**

No information available.

**12.6. Other adverse effects**

No information available.

**SECTION 13: Disposal considerations****13.1. Waste treatment methods****Waste code No.**

08 01 11\*

**Name of waste**

waste paint and varnish containing organic solvents or other dangerous substances

Wastes marked with an asterisk are considered to be hazardous waste pursuant to Directive 2008/98/EC on hazardous waste.

**Recommendations for the product**

There are no harmonised regulations on the disposal of chemicals in the member states of the EU. In Germany the Recycling and Waste Management Act (KrWG) stipulates recycling as a requirement.

This means that a distinction must be made between "wastes for recycling" and "wastes for disposal".

Particular aspects - in the main concerning delivery - are also governed by the Laender.

Must not be disposed together with household garbage.

**Recommendations for packaging**

Disposal according to official regulations.

**General information**

Allocation of the waste number has to be done according to the EWC directive industry- and process-specific.

**SECTION 14: Transport information**

	<b>ADR/RID</b>	<b>IMDG</b>	<b>IATA-DGR</b>
<b>14.1. UN number</b>	1866	1866	1866
<b>14.2. UN proper shipping name</b>	RESIN SOLUTION	RESIN SOLUTION	Resin solution
<b>14.3. Transport hazard class(es)</b>	3	3	3
<b>14.4. Packing group</b>	III	III	III
<b>14.5. Environmental hazards</b>	No	No	No

**14.6. Special precautions for user**

No information available.

**14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

No information available.

**Land and inland navigation transport ADR/RID**

Hazard label(s) 3

tunnel restriction code D/E

Special provisions 640E

Classification code F1

**SECTION 15: Regulatory information**

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

**National regulations**

**Water hazard class** 1 Manufacturer specifications slightly hazardous to water

**15.2. Chemical Safety Assessment**

No information available.

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## SECTION 16: Other information

### Training advice

See the technical data sheet for more information.

### Recommended uses and restrictions

National and local regulations concerning chemicals shall be observed.

### Further information

The national special regulations have to be implemented by each user their own responsibility!  
The information contained herein is based on the state of our knowledge. It characterizes the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properties of the product.

Please note: Our Material Safety Data Sheets have been prepared in accordance with EU directives, WITHOUT taking into account the specific national regulations for handling hazardous materials and chemicals.

Indication of changes: "!" = Data changed compared with the previous version.

### Sources of key data used

Data sheets of the suppliers.

Umweltbundesamt (Wassergefährdungsklasse)

H225 Highly flammable liquid and vapour.  
H226 Flammable liquid and vapour.  
H319 Causes serious eye irritation.  
H336 May cause drowsiness or dizziness.