

# Cover sheet for the safety data sheet

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## Product identification:

Trade name	<b>POLYESTER KIT</b>
Intended use	<b>Repair kit</b>
UFI	<b>9XXG-VDW6-V00X-FSTC</b>
Item number	<b>SOR140085</b>

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## Supplier submitting the safety data sheet:

Supplier:	TELL's Power AG Bahnhofweg 2 + 4 CH-6405 Immensee
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Phone:	041 850 77 44
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E-Mail :	<a href="mailto:info@tellspower.ch">info@tellspower.ch</a>
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**National emergency number: 145** (available 24 hours, Tox Info Suisse, Zurich; for calls from Switzerland, information in German, French and Italian)

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## Information for users concerning:

<b>Section 1</b>	For commercial users only
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<b>Section 13</b>	Do not dispose of completely empty packaging together with household waste. Packaging must be sent for recycling. Treat product residues and non-emptied packaging as hazardous waste. Residues may pose an explosion hazard. Do not perforate uncleaned containers, cut or weld uncleaned containers. Dispose of hazardous waste in accordance with Directive 91/689/EEC at an authorized disposal site, indicating a waste code number in accordance with Decision 2000/532/EC. Disposal should be carried out in accordance with regional, national and local laws and regulations. Local regulations may be stricter than regional or national requirements and must be observed. Switzerland: Dispose of completely empty packaging with municipal waste. Return partially emptied containers to the point of sale or hand them over to a collection point for special waste.
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<b>Section 15</b>	This product may only be supplied to professional users
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**KIT DE STRATIFICATION (RESINE POLYESTER ET FIBRE DE VERRE) - RP140085**



**SAFETY DATA SHEET**  
(REACH regulation (EC) n° 1907/2006 - n° 2015/830)

**SECTION 1 : IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**

**1.1. Product identifier**

Product name : KIT DE STRATIFICATION (RESINE POLYESTER ET FIBRE DE VERRE)  
Product code : RP140085.

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

N/A

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

Registered company name : SOROMAP PEINTURES VERNIS.  
Address : 1, RUE MAURICE MALLET Z.I. DE BELIGON.17300.ROCHEFORT SUR MER.FRANCE.  
Telephone : 05.46.88.36.10. Fax : 05.46.88.36.15.  
contact@soromap.com  
www.soromap.com

**1.4. Emergency telephone number : +33 (0)1 45 42 59 59.**

Association/Organisation : INRS / ORFILA <http://www.centres-antipoison.net>.

**SECTION 2 : HAZARDS IDENTIFICATION**

**2.1. Classification of the substance or mixture**

**In compliance with EC regulation No. 1272/2008 and its amendments.**

Flammable liquid, Category 3 (Flam. Liq. 3, H226).  
Skin irritation, Category 2 (Skin Irrit. 2, H315).  
Eye irritation, Category 2 (Eye Irrit. 2, H319).  
Skin sensitisation, Category 1 (Skin Sens. 1, H317).  
Reproductive toxicity, Category 2 (Repr. 2, H361d).  
Specific target organ toxicity (repeated exposure), Category 2 (STOT RE 2, H373).  
Hazardous to the aquatic environment - Chronic hazard, Category 3 (Aquatic Chronic 3, H412).

**2.2. Label elements**

**In compliance with EC regulation No. 1272/2008 and its amendments.**

Hazard pictograms :



GHS02



GHS07



GHS08

Signal Word :  
WARNING

Product identifiers :  
EC 202-851-5  
EC 911-490-9

STYRENE  
REACTION MASS OF 2,2'-[(4-METHYLPHENYL)IMINO]BISETHANOL AND ETHANOL,  
2-[[2-(2-HYDROXYETHOXY)ETHYL](4-METHYLPHENYL)AMINO]-  
MALEIC ANHYDRIDE

EC 203-571-6

Hazard statements :  
H226

Flammable liquid and vapour.

H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H361d	Suspected of damaging the unborn child.
H373	May cause damage to organs through prolonged or repeated exposure (hearing organs).
H412	Harmful to aquatic life with long lasting effects.
Precautionary statements - General :	
P101	If medical advice is needed, have product container or label at hand.
P102	Keep out of reach of children.
Precautionary statements - Prevention :	
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P280	Wear protective gloves/protective clothing/eye protection/face protection/hearing protection/ ...
Precautionary statements - Response :	
P302 + P352	IF ON SKIN: Wash with plenty of water/...
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Precautionary statements - Disposal :	
P501	Dispose of contents/container by approved organization

### 2.3. Other hazards

The mixture does not contain substances classified as 'Substances of Very High Concern' (SVHC)  $\geq 0.1\%$  published by the European Chemicals Agency (ECHA) under article 57 of REACH: <http://echa.europa.eu/fr/candidate-list-table>

The mixture fulfils neither the PBT nor the vPvB criteria for mixtures in accordance with annexe XIII of the REACH regulations EC 1907/2006.

## SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS

### 3.2. Mixtures

#### Composition :

Identification	(EC) 1272/2008	Note	%
CAS: 25013-15-4 EC: 246-562-2 REACH: 01-2119622074-50  BENZENE, ETHENYLMETHYL-	GHS07, GHS08, GHS02 Dgr Flam. Liq. 3, H226 Asp. Tox. 1, H304 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Acute Tox. 4, H332	[1]	10 $\leq$ x % < 25
CAS: 100-42-5 EC: 202-851-5 REACH: 01-2119457861-32  STYRENE	GHS07, GHS08, GHS02 Dgr Flam. Liq. 3, H226 Asp. Tox. 1, H304 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Acute Tox. 4, H332 STOT SE 3, H335 Repr. 2, H361d STOT RE 1, H372 Aquatic Chronic 3, H412	D [1] [2]	2.5 $\leq$ x % < 10
CAS: 7779-90-0 EC: 231-944-3 REACH: 01-2119485044-40  TRIZINC BIS(ORTHOPHOSPHATE)	GHS09 Wng Aquatic Acute 1, H400 M Acute = 1 Aquatic Chronic 1, H410 M Chronic = 1		1 $\leq$ x % < 2.5

EC: 911-490-9 REACH: 01-2119979579-10  REACTION MASS OF 2,2'-[(4-METHYLPHENYL)IMINO]BISETHA NOL AND ETHANOL, 2-[[2-(2-HYDROXYETHOXY)ETHYL](4-MET HYLPHENYL)AMINO]-	GHS07, GHS05 Dgr Acute Tox. 4, H302 Skin Irrit. 2, H315 Skin Sens. 1, H317 Eye Dam. 1, H318 Aquatic Chronic 3, H412		0 <= x % < 1
CAS: 108-31-6 EC: 203-571-6  MALEIC ANHYDRIDE	GHS07, GHS05, GHS08 Dgr Acute Tox. 4, H302 Skin Corr. 1B, H314 Skin Sens. 1A, H317 Eye Dam. 1, H318 Resp. Sens. 1, H334 STOT RE 1, H372	[1]	0 <= x % < 1
CAS: 254-075-1 EC: 38668-48-3 REACH: 01-2119980937-17  2-PROPANOL, 1,1'-[(4-METHYLPHENYL)IMINO]BIS-	GHS06 Dgr Acute Tox. 2, H300 Eye Irrit. 2, H319 Aquatic Chronic 3, H412		0 <= x % < 1

(Full text of H-phrases: see section 16)

#### Information on ingredients :

[1] Substance for which maximum workplace exposure limits are available.

[2] Carcinogenic, mutagenic or reprotoxic (CMR) substance.

### SECTION 4 : FIRST AID MEASURES

As a general rule, in case of doubt or if symptoms persist, always call a doctor.

NEVER induce swallowing by an unconscious person.

#### 4.1. Description of first aid measures

##### In the event of splashes or contact with eyes :

Wash thoroughly with fresh, clean water for 15 minutes holding the eyelids open.

If there is any redness, pain or visual impairment, consult an ophthalmologist.

##### In the event of splashes or contact with skin :

Remove contaminated clothing and wash the skin thoroughly with soap and water or a recognised cleaner.

Watch out for any remaining product between skin and clothing, watches, shoes, etc.

In the event of an allergic reaction, seek medical attention.

If the contaminated area is widespread and/or there is damage to the skin, a doctor must be consulted or the patient transferred to hospital.

##### In the event of swallowing :

Do not give the patient anything orally.

In the event of swallowing, if the quantity is small (no more than one mouthful), rinse the mouth with water and consult a doctor.

Keep the person exposed at rest. Do not force vomiting.

Seek medical attention immediately, showing the label.

If swallowed accidentally, call a doctor to ascertain whether observation and hospital care will be necessary. Show the label.

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

No data available.

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

No data available.

## SECTION 5 : FIREFIGHTING MEASURES

Flammable.

Chemical powders, carbon dioxide and other extinguishing gas are suitable for small fires.

### 5.1. Extinguishing media

Keep packages near the fire cool, to prevent pressurised containers from bursting.

#### Suitable methods of extinction

In the event of a fire, use :

- sprayed water or water mist
- water with AFFF (Aqueous Film Forming Foam) additive
- halon
- foam
- multipurpose ABC powder
- BC powder
- carbon dioxide (CO<sub>2</sub>)

Prevent the effluent of fire-fighting measures from entering drains or waterways.

#### Unsuitable methods of extinction

In the event of a fire, do not use :

- water jet

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

A fire will often produce a thick black smoke. Exposure to decomposition products may be hazardous to health.

Do not breathe in smoke.

In the event of a fire, the following may be formed :

- carbon monoxide (CO)
- carbon dioxide (CO<sub>2</sub>)

### 5.3. Advice for firefighters

Fire-fighting personnel are to be equipped with autonomous insulating breathing apparatus.

## SECTION 6 : ACCIDENTAL RELEASE MEASURES

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

Consult the safety measures listed under headings 7 and 8.

#### For non first aid worker

Because of the organic solvents contained in the mixture, eliminate sources of ignition and ventilate the area.

Avoid any contact with the skin and eyes.

#### For first aid worker

First aid workers will be equipped with suitable personal protective equipment (See section 8).

### 6.2. Environmental precautions

Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal.

Prevent any material from entering drains or waterways.

If the product contaminates waterways, rivers or drains, alert the relevant authorities in accordance with statutory procedures

Use drums to dispose of collected waste in compliance with current regulations (see section 13).

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

Clean preferably with a detergent, do not use solvents.

### 6.4. Reference to other sections

No data available.

**KIT DE STRATIFICATION (RESINE POLYESTER ET FIBRE DE VERRE) - RP140085****SECTION 7 : HANDLING AND STORAGE**

Requirements relating to storage premises apply to all facilities where the mixture is handled.  
Individuals with a history of skin sensitisation should not, under any circumstance, handle this mixture.  
Avoid exposure to pregnant women and warn women of child-bearing age of the possible risks

**7.1. Precautions for safe handling**

Always wash hands after handling.  
Remove and wash contaminated clothing before re-using.  
Ensure that there is adequate ventilation, especially in confined areas.  
Remove contaminated clothing and protective equipment before entering eating areas.

**Fire prevention :**

Handle in well-ventilated areas.  
Vapours are heavier than air. They can spread along the ground and form mixtures that are explosive with air.  
Prevent the formation of flammable or explosive concentrations in air and avoid vapor concentrations higher than the occupational exposure limits.  
Prevent the accumulation of electrostatic charges with connections to earth.  
The mixture can become electrostatically charged: always ground when decanting. Wear antistatic shoes and clothing and make floors of non-conductive  
Use the mixture in premises free of naked flames or other sources of ignition and ensure that electrical equipment is suitably protected.  
Keep packages tightly closed and away from sources of heat, sparks and naked flames.  
Do not use tools which may produce sparks. Do not smoke.  
Prevent access by unauthorised personnel.

**Recommended equipment and procedures :**

For personal protection, see section 8.  
Observe precautions stated on label and also industrial safety regulations.  
Avoid skin and eye contact with this mixture.  
Avoid exposure - obtain special instructions before use.  
Packages which have been opened must be reclosed carefully and stored in an upright position.

**Prohibited equipment and procedures :**

No smoking, eating or drinking in areas where the mixture is used.  
Never open the packages under pressure.

**7.2. Conditions for safe storage, including any incompatibilities**

No data available.

**Storage**

Keep out of reach of children.  
Keep the container tightly closed in a dry, well-ventilated place.  
Keep away from all sources of ignition - do not smoke.  
Keep well away from all sources of ignition, heat and direct sunlight.  
Avoid accumulation of electrostatic charges.  
The floor must be impermeable and form a collecting basin so that, in the event of an accidental spillage, the liquid cannot spread beyond this area.

**Packaging**

Always keep in packaging made of an identical material to the original.

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

No data available.

**SECTION 8 : EXPOSURE CONTROLS/PERSONAL PROTECTION****8.1. Control parameters****Occupational exposure limits :**

- Germany - AGW (BAuA - TRGS 900, 08/08/2019) :

CAS	VME :	VME :	Excess	Notes
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25013-15-4		20 ppm 98 mg/m <sup>3</sup>		2(I)
100-42-5		20 ppm 86 mg/m <sup>3</sup>		2(II)
108-31-6		0.02 ppm 0.081 mg/m <sup>3</sup>		1;=2.5=(I)

- France (INRS - ED984 / 2019-1487) :

CAS	VME-ppm :	VME-mg/m <sup>3</sup> :	VLE-ppm :	VLE-mg/m <sup>3</sup> :	Notes :	TMP No :
25013-15-4	50	240	-	-	-	-
100-42-5	23.3	100	46.6	200	Peau/Bruit	84
108-31-6	-	-	-	1	ALL	66

- UK / WEL (Workplace exposure limits, EH40/2005, 2011) :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
100-42-5	100 ppm 430 mg/m <sup>3</sup>	250 ppm 1080 mg/m <sup>3</sup>			
108-31-6	- ppm 1 mg/m <sup>3</sup>	- ppm 3 mg/m <sup>3</sup>		Sen	

**Derived no effect level (DNEL) or derived minimum effect level (DMEL):**

2-PROPANOL, 1,1'-(4-METHYLPHENYL)IMINOJIBIS- (CAS: 254-075-1)

**Final use:**

Exposure method:  
Potential health effects:  
DNEL :

**Workers.**

Dermal contact.  
Long term systemic effects.  
0.7 mg/kg body weight/day

Exposure method:  
Potential health effects:  
DNEL :

Inhalation.  
Long term systemic effects.  
2.47 mg of substance/m<sup>3</sup>

**Final use:**

Exposure method:  
Potential health effects:  
DNEL :

**Consumers.**

Ingestion.  
Long term systemic effects.  
0.3 mg/kg body weight/day

Exposure method:  
Potential health effects:  
DNEL :

Dermal contact.  
Long term systemic effects.  
0.3 mg/kg body weight/day

Exposure method:  
Potential health effects:  
DNEL :

Inhalation.  
Long term systemic effects.  
0.4 mg of substance/m<sup>3</sup>

MALEIC ANHYDRIDE (CAS: 108-31-6)

**Final use:**

Exposure method:  
Potential health effects:  
DNEL :

**Workers.**

Dermal contact.  
Short term local effects.  
0.04 mg/kg body weight/day

Exposure method:  
Potential health effects:  
DNEL :

Dermal contact.  
Long term systemic effects.  
0.04 mg/kg body weight/day

Exposure method:  
Potential health effects:  
DNEL :

Inhalation.  
Long term systemic effects.  
0.4 mg of substance/m<sup>3</sup>

Exposure method: Inhalation.  
 Potential health effects: Short term local effects.  
 DNEL : 0.8 mg of substance/m3

REACTION MASS OF 2,2'-[(4-METHYLPHENYL)IMINO]BIETHANOL AND ETHANOL,  
 2-[[2-(2-HYDROXYETHOXY)ETHYL](4-METHYLPHENYL)AMINO]-

**Final use:** **Workers.**  
 Exposure method: Dermal contact.  
 Potential health effects: Long term systemic effects.  
 DNEL : 1.4 mg/kg body weight/day

Exposure method: Inhalation.  
 Potential health effects: Long term systemic effects.  
 DNEL : 9.8 mg of substance/m3

**Final use:** **Consumers.**  
 Exposure method: Ingestion.  
 Potential health effects: Long term systemic effects.  
 DNEL : 0.83 mg/kg body weight/day

Exposure method: Dermal contact.  
 Potential health effects: Long term systemic effects.  
 DNEL : 0.83 mg/kg body weight/day

Exposure method: Inhalation.  
 Potential health effects: Long term systemic effects.  
 DNEL : 2.9 mg of substance/m3

TRIZINC BIS(ORTHOPHOSPHATE) (CAS: 7779-90-0)

**Final use:** **Workers.**  
 Exposure method: Dermal contact.  
 Potential health effects: Long term systemic effects.  
 DNEL : 83 mg/kg body weight/day

Exposure method: Inhalation.  
 Potential health effects: Long term systemic effects.  
 DNEL : 5 mg of substance/m3

**Final use:** **Consumers.**  
 Exposure method: Ingestion.  
 Potential health effects: Long term systemic effects.  
 DNEL : 0.83 mg/kg body weight/day

Exposure method: Dermal contact.  
 Potential health effects: Long term systemic effects.  
 DNEL : 83 mg/kg body weight/day

Exposure method: Inhalation.  
 Potential health effects: Long term systemic effects.  
 DNEL : 2.5 mg of substance/m3

STYRENE (CAS: 100-42-5)

**Final use:** **Workers.**  
 Exposure method: Dermal contact.  
 Potential health effects: Long term systemic effects.



DNEL : 406 mg/kg body weight/day

Exposure method: Inhalation.  
Potential health effects: Short term local effects.  
DNEL : 297.5 mg of substance/m3

Exposure method: Inhalation.  
Potential health effects: Long term systemic effects.  
DNEL : 85 mg of substance/m3

**Final use:****Consumers.**

Exposure method: Ingestion.  
Potential health effects: Long term systemic effects.  
DNEL : 2.1 mg/kg body weight/day

Exposure method: Dermal contact.  
Potential health effects: Long term systemic effects.  
DNEL : 343 mg/kg body weight/day

Exposure method: Inhalation.  
Potential health effects: Short term local effects.  
DNEL : 178.5 mg of substance/m3

Exposure method: Inhalation.  
Potential health effects: Long term systemic effects.  
DNEL : 10.2 mg of substance/m3

**BENZENE, ETHENYLMETHYL- (CAS: 25013-15-4)****Final use:****Workers.**

Exposure method: Inhalation.  
Potential health effects: Long term systemic effects.  
DNEL : 5.83 mg of substance/m3

**Final use:****Consumers.**

Exposure method: Ingestion.  
Potential health effects: Long term systemic effects.  
DNEL : 0.0833 mg/kg body weight/day

Exposure method: Inhalation.  
Potential health effects: Long term systemic effects.  
DNEL : 1.04 mg of substance/m3

**Predicted no effect concentration (PNEC):****2-PROPANOL, 1,1'-(4-METHYLPHENYL)IMINO]BIS- (CAS: 254-075-1)**

Environmental compartment: Soil.  
PNEC : 0.005 mg/kg

Environmental compartment: Fresh water.  
PNEC : 0.017 mg/l

Environmental compartment: Sea water.  
PNEC : 0.0017 mg/l

Environmental compartment: Intermittent waste water.

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PNEC :	0.17 mg/l
Environmental compartment: PNEC :	Fresh water sediment. 0.0782 mg/kg
Environmental compartment: PNEC :	Marine sediment. 0.00782 mg/kg
Environmental compartment: PNEC :	Waste water treatment plant. 199.5 mg/l
<b>MALEIC ANHYDRIDE (CAS: 108-31-6)</b>	
Environmental compartment: PNEC :	Soil. 0.0415 mg/kg
Environmental compartment: PNEC :	Fresh water. 0.0446 mg/l
Environmental compartment: PNEC :	Sea water. 0.00446 mg/l
Environmental compartment: PNEC :	Intermittent waste water. 0.4281 mg/l
Environmental compartment: PNEC :	Fresh water sediment. 0.334 mg/kg
Environmental compartment: PNEC :	Marine sediment. 0.0334 mg/kg
Environmental compartment: PNEC :	Waste water treatment plant. 44.6 mg/l
<b>REACTION MASS OF 2,2'-[(4-METHYLPHENYL)IMINO]BISETHANOL AND ETHANOL, 2-[[2-(2-HYDROXYETHOXY)ETHYL](4-METHYLPHENYL)AMINO]-</b>	
Environmental compartment: PNEC :	Soil. 0.21 mg/kg
Environmental compartment: PNEC :	Fresh water. 0.048 mg/l
Environmental compartment: PNEC :	Sea water. 0.005 mg/l
Environmental compartment: PNEC :	Fresh water sediment. 1.2 mg/kg
Environmental compartment: PNEC :	Marine sediment. 0.12 mg/kg
Environmental compartment: PNEC :	Waste water treatment plant. 10 mg/l
<b>STYRENE (CAS: 100-42-5)</b>	
Environmental compartment:	Soil.

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PNEC :	0.2 mg/kg
Environmental compartment: PNEC :	Fresh water. 0.028 mg/l
Environmental compartment: PNEC :	Sea water. 0.014 mg/l
Environmental compartment: PNEC :	Intermittent waste water. 0.04 mg/l
Environmental compartment: PNEC :	Fresh water sediment. 0.614 mg/kg
Environmental compartment: PNEC :	Marine sediment. 0.307 mg/kg
Environmental compartment: PNEC :	Waste water treatment plant. 5 mg/l

**BENZENE, ETHENYLMETHYL- (CAS: 25013-15-4)**

Environmental compartment: PNEC :	Soil. 0.133 mg/kg
Environmental compartment: PNEC :	Fresh water. 0.0498 g/kg
Environmental compartment: PNEC :	Sea water. 0.002 mg/l
Environmental compartment: PNEC :	Fresh water sediment. 0.684 mg/kg
Environmental compartment: PNEC :	Marine sediment. 0.0684 mg/kg
Environmental compartment: PNEC :	Waste water treatment plant. 1 mg/l

**8.2. Exposure controls****Personal protection measures, such as personal protective equipment**

Pictogram(s) indicating the obligation of wearing personal protective equipment (PPE) :



Use personal protective equipment that is clean and has been properly maintained.

Store personal protective equipment in a clean place, away from the work area.

Never eat, drink or smoke during use. Remove and wash contaminated clothing before re-using. Ensure that there is adequate ventilation, especially in confined areas.

**- Eye / face protection**

Avoid contact with eyes.

Use eye protectors designed to protect against liquid splashes

Before handling, wear safety goggles with protective sides accordance with standard EN166.

In the event of high danger, protect the face with a face shield.

Prescription glasses are not considered as protection.

Individuals wearing contact lenses should wear prescription glasses during work where they may be exposed to irritant vapours.

Provide eyewash stations in facilities where the product is handled constantly.

#### - Hand protection

Use suitable protective gloves that are resistant to chemical agents in accordance with standard EN ISO 374-1.

Gloves must be selected according to the application and duration of use at the workstation.

Protective gloves need to be selected according to their suitability for the workstation in question : other chemical products that may be handled, necessary physical protections (cutting, pricking, heat protection), level of dexterity required.

Type of gloves recommended :

- PVA (Polyvinyl alcohol)

Recommended properties :

- Impervious gloves in accordance with standard EN ISO 374-2

#### - Body protection

Avoid skin contact.

Wear suitable protective clothing.

Suitable type of protective clothing :

In the event of substantial spatter, wear liquid-tight protective clothing against chemical risks (type 3) in accordance with EN14605/A1 to prevent skin contact.

In the event of a risk of splashing, wear protective clothing against chemical risks (type 6) in accordance with EN13034/A1 to prevent skin contact.

In the event of substantial spatter, wear liquid-tight protective clothing against chemical risks (type 3) in accordance with EN14605 to prevent skin contact.

In the event of a risk of splashing, wear protective clothing against chemical risks (type 6) in accordance with EN13034 to prevent skin contact.

Work clothing worn by personnel shall be laundered regularly.

After contact with the product, all parts of the body that have been soiled must be washed.

#### - Respiratory protection

Anti-gas and vapour filter(s) (Combined filters) in accordance with standard EN14387 :

- A3 (Brown)

- A1 (Brown)

## SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES

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

#### General information :

Physical state : Viscous liquid.  
colour : N/A

#### Important health, safety and environmental information

pH : Not relevant.  
Boiling point/boiling range : Not specified.  
Flash Point : 32.00 °C.  
Explosive properties, lower explosivity limit (%) : 1.2 vol %  
Explosive properties, upper explosivity limit (%) : 8.9 vol %  
Vapour pressure (50°C) : Below 110 kPa (1.10 bar).  
Density : 1.36  
Water solubility : Partially soluble.  
Viscosity : 2500 mPa.s à 20°C  
Melting point/melting range : Not specified.  
Self-ignition temperature : 480 °C.  
Decomposition point/decomposition range : Not specified.  
% VOC : 25%  
N/A

### 9.2. Other information

VOC (g/l) : 345.4  
N/A

**SECTION 10 : STABILITY AND REACTIVITY****10.1. Reactivity**

No data available.

**10.2. Chemical stability**

This mixture is stable under the recommended handling and storage conditions in section 7.

**10.3. Possibility of hazardous reactions**

When exposed to high temperatures, the mixture can release hazardous decomposition products, such as carbon monoxide and dioxide, fumes and nitrogen oxide.

**10.4. Conditions to avoid**

Any apparatus likely to produce a flame or to have a metallic surface at high temperature (burners, electric arcs, furnaces etc.) must not be allowed on the premises.

Avoid :

- accumulation of electrostatic charges.
- heating
- heat
- flames and hot surfaces

**10.5. Incompatible materials**

No data available.

**10.6. Hazardous decomposition products**

The thermal decomposition may release/form :

- carbon monoxide (CO)
- carbon dioxide (CO<sub>2</sub>)

**SECTION 11 : TOXICOLOGICAL INFORMATION****11.1. Information on toxicological effects**

Exposure to vapours from solvents in the mixture in excess of the stated occupational exposure limit may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on kidney, liver and central nervous system.

Symptoms produced will include headaches, numbness, dizziness, fatigue, muscular asthenia and, in extreme cases, loss of consciousness.

May cause irreversible damage to the skin; namely inflammation of the skin or the formation of erythema and eschar or oedema following exposure up to four hours.

Repeated or prolonged contact with the mixture may cause removal of natural oil from the skin resulting in non-allergic contact dermatitis and absorption through the skin.

May have reversible effects on the eyes, such as eye irritation which is totally reversible by the end of observation at 21 days.

Splashes in the eyes may cause irritation and reversible damage

May cause an allergic reaction by skin contact.

Suspected human reproductive toxicant.

Suspected of damaging the unborn child.

May cause severe damage to organs in the event of repeated or prolonged exposure.

**11.1.1. Substances****Acute toxicity :**

2-PROPANOL, 1,1'-[(4-METHYLPHENYL)IMINO]BIS- (CAS: 254-075-1)

Oral route :

LD50 > 25 mg/kg

Species : Rat

OECD Guideline 423 (Acute Oral toxicityAcute Toxic Class Method)

Dermal route :

LD50 > 2000 mg/kg

Species : Rabbit

OECD Guideline 402 (Acute Dermal Toxicity)

MALEIC ANHYDRIDE (CAS: 108-31-6)

Oral route :

LD50 = 1855 mg/kg

	Species : Rabbit
Dermal route :	LD50 = 2620 mg/kg Species : Rat
Inhalation route (n/a) :	LC50 > 4.35 mg/l
REACTION MASS OF 2,2'-[(4-METHYLPHENYL)IMINO]BIETHANOL AND ETHANOL, 2-[[2-(2-HYDROXYETHOXY)ETHYL](4-METHYLPHENYL)AMINO]-	
Oral route :	LD50 = 619 mg/kg Species : Rat
Dermal route :	LD50 > 2000 mg/kg Species : Rat
TRIZINC BIS(ORTHOPHOSPHATE) (CAS: 7779-90-0)	
Oral route :	LD50 > 5000 mg/kg Species : Rat
Inhalation route (n/a) :	LC50 > 5.7 mg/l
STYRENE (CAS: 100-42-5)	
Oral route :	LD50 > 2000 mg/kg Species : Rat
Dermal route :	LD50 > 2000 mg/kg Species : Rat OECD Guideline 402 (Acute Dermal Toxicity)
Inhalation route (n/a) :	LC50 = 11.8 mg/l Species : Rat Duration of exposure : 4 h
BENZENE, ETHENYLMETHYL- (CAS: 25013-15-4)	
Oral route :	LD50 = 3680 mg/kg Species : Rat
Dermal route :	LD50 = 4490 mg/kg Species : Rabbit
Inhalation route (n/a) :	LC50 = 11 mg/l Duration of exposure : 4 h

**11.1.2. Mixture**

No toxicological data available for the mixture.

**Monograph(s) from the IARC (International Agency for Research on Cancer) :**

CAS 100-42-5 : IARC Group 2A : The agent is probably carcinogenic to humans.

CAS 25013-15-4 : IARC Group 3 : The agent is not classifiable as to its carcinogenicity to humans.

**SECTION 12 : ECOLOGICAL INFORMATION**

Harmful to aquatic life with long lasting effects.

The product must not be allowed to run into drains or waterways.

**12.1. Toxicity****12.1.1. Substances**

STYRENE (CAS: 100-42-5)

Fish toxicity :	Species : Salmo aquabonita
Algae toxicity :	EC10 mg/l Species : Pseudokirchnerella subcapitata
2-PROPANOL, 1,1'-[(4-METHYLPHENYL)IMINO]BIS- (CAS: 254-075-1)	
Fish toxicity :	LC50 = 17 mg/l Species : Brachydanio rerio Duration of exposure : 96 h
Crustacean toxicity :	EC50 = 28.8 mg/l Species : Daphnia magna Duration of exposure : 48 h
Algae toxicity :	ECr50 = 245 mg/l Species : Desmodesmus subspicatus Duration of exposure : 72 h OECD Guideline 201 (Alga, Growth Inhibition Test)
MALEIC ANHYDRIDE (CAS: 108-31-6)	
Fish toxicity :	LC50 = 75 mg/l Species : Lepomis macrochirus Duration of exposure : 96 h
Crustacean toxicity :	EC50 = 42.81 mg/l Species : Daphnia magna Duration of exposure : 48 h
	NOEC = 10 mg/l Species : Daphnia magna Duration of exposure : 21 days
Algae toxicity :	ECr50 = 74.5 mg/l Species : Pseudokirchnerella subcapitata Duration of exposure : 72 h
	NOEC = 150 mg/l Species : Pseudokirchnerella subcapitata Duration of exposure : 72 h
REACTION MASS OF 2,2'-[(4-METHYLPHENYL)IMINO]BISETHANOL AND ETHANOL, 2-[[2-(2-HYDROXYETHOXY)ETHYL](4-METHYLPHENYL)AMINO]-	
Fish toxicity :	LC50 > 100 mg/l Species : Cyprinus carpio Duration of exposure : 96 h
Crustacean toxicity :	EC50 = 48 mg/l Species : Daphnia magna Duration of exposure : 48 h
Algae toxicity :	ECr50 > 100 mg/l Species : Pseudokirchnerella subcapitata Duration of exposure : 72 h
TRIZINC BIS(ORTHOPHOSPHATE) (CAS: 7779-90-0)	

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Fish toxicity :	LC50 < 5.1 mg/l Species : Oncorhynchus mykiss Duration of exposure : 96 h
Crustacean toxicity :	EC50 < 1.7 mg/l Species : Daphnia magna Duration of exposure : 48 h
Algae toxicity :	ECr50 = 0.28 mg/l Factor M = 1 Species : Selenastrum capricornutum Duration of exposure : 72 h
Aquatic plant toxicity :	Duration of exposure : 72 h
<b>BENZENE, ETHENYLMETHYL- (CAS: 25013-15-4)</b>	
Fish toxicity :	LC50 = 5.2 mg/l Species : Pimephales promelas Duration of exposure : 96 h
Crustacean toxicity :	EC50 = 9.3 mg/l Species : Daphnia magna Duration of exposure : 48 h  NOEC = 0.451 mg/l Species : Daphnia magna Duration of exposure : 21 days
Algae toxicity :	ECr50 = 2.6 mg/l Species : Selenastrum capricornutum

**12.1.2. Mixtures**

No aquatic toxicity data available for the mixture.

**12.2. Persistence and degradability****12.2.1. Substances**

2-PROPANOL, 1,1'-[(4-METHYLPHENYL)IMINO]BIS- (CAS: 254-075-1)	
Biodegradability :	no degradability data is available, the substance is considered as not degrading quickly.
MALEIC ANHYDRIDE (CAS: 108-31-6)	
Biodegradability :	no degradability data is available, the substance is considered as not degrading quickly.
REACTION MASS OF 2,2'-[(4-METHYLPHENYL)IMINO]BISETHANOL AND ETHANOL, 2-[[2-(2-HYDROXYETHOXY)ETHYL](4-METHYLPHENYL)AMINO]-	
Biodegradability :	no degradability data is available, the substance is considered as not degrading quickly.
TRIZINC BIS(ORTHOPHOSPHATE) (CAS: 7779-90-0)	
Biodegradability :	no degradability data is available, the substance is considered as not degrading quickly.
STYRENE (CAS: 100-42-5)	
Biodegradability :	no degradability data is available, the substance is considered as not degrading quickly.



BENZENE, ETHENYLMETHYL- (CAS: 25013-15-4)

Biodegradability :

no degradability data is available, the substance is considered as not degrading quickly.

### 12.3. Bioaccumulative potential

No data available.

### 12.4. Mobility in soil

No data available.

### 12.5. Results of PBT and vPvB assessment

No data available.

### 12.6. Other adverse effects

No data available.

German regulations concerning the classification of hazards for water (WGK, AwSV vom 18/04/2017, KBws) :

WGK 2 : Hazardous for water.

## SECTION 13 : DISPOSAL CONSIDERATIONS

Proper waste management of the mixture and/or its container must be determined in accordance with Directive 2008/98/EC.

### 13.1. Waste treatment methods

Do not pour into drains or waterways.

#### Waste :

Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air, soil, plants or animals.

Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company.

Do not contaminate the ground or water with waste, do not dispose of waste into the environment.

#### Soiled packaging :

Empty container completely. Keep label(s) on container.

Give to a certified disposal contractor.

## SECTION 14 : TRANSPORT INFORMATION

Transport product in compliance with provisions of the ADR for road, RID for rail, IMDG for sea and ICAO/IATA for air transport (ADR 2019 - IMDG 2018 - ICAO/IATA 2020).

### 14.1. UN number

3269

### 14.2. UN proper shipping name

UN3269=POLYESTER RESIN KIT

### 14.3. Transport hazard class(es)

- Classification :



3

### 14.4. Packing group

III

### 14.5. Environmental hazards

-

### 14.6. Special precautions for user

ADR/RID	Class	Code	Pack gr.	Label	Ident.	LQ	Provis.	EQ	Cat.	Tunnel
	3	F3	III	3	-	5 L	236 340	E0	3	E

If Q <450l, see 2.2.3.1.5.1.

IMDG	Class	2°Label	Pack gr.	LQ	EMS	Provis.	EQ	Stowage Handling	Segregation
	3	-	III	5 L	F-E, S-D	236 340	See SP340	Category A	-

if Q < 450 l see IMDG 2.3.2.5.

IATA	Class	2°Label	Pack gr.	Passager	Passager	Cargo	Cargo	note	EQ
	3	-	III	370	10 kg	370	10 kg	A66 A163	E0
	3	-	III	Y370	5 kg	-	-	A66 A163	E0

For limited quantities, see part 2.7 of the OACI/IATA and chapter 3.4 of the ADR and IMDG.

For excepted quantities, see part 2.6 of the OACI/IATA and chapter 3.5 of the ADR and IMDG.

#### 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

No data available.

### SECTION 15 : REGULATORY INFORMATION

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

##### - Classification and labelling information included in section 2:

The following regulations have been used:

- EU Regulation No. 1272/2008 amended by EU Regulation No. 2020/217 (ATP 14)

##### - Container information:

Containers to be fitted with a tactile warning of danger (see EC Regulation No. 1272/2008, Annex II, Part 3).

##### - Particular provisions :

No data available.

##### - German regulations concerning the classification of hazards for water (WGK, AwSV vom 18/04/2017, KBws) :

WGK 2 : Hazardous for water.

#### 15.2. Chemical safety assessment

No data available.

### SECTION 16 : OTHER INFORMATION

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

The mixture must not be used for other uses than those specified in section 1 without having first obtained written handling instructions.

It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.

The information in this safety data sheet must be regarded as a description of the safety requirements relating to the mixture and not as a guarantee of the properties thereof.

#### Wording of the phrases mentioned in section 3 :

H226	Flammable liquid and vapour.
H300	Fatal if swallowed.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H335	May cause respiratory irritation.
H361d	Suspected of damaging the unborn child.
H372	Causes damage to organs through prolonged or repeated exposure .
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

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H412

Harmful to aquatic life with long lasting effects.

**Abbreviations :**

DNEL : Derived No-Effect Level

PNEC : Predicted No-Effect Concentration

CMR: Carcinogenic, mutagenic or reprotoxic.

ADR : European agreement concerning the international carriage of dangerous goods by Road.

IMDG : International Maritime Dangerous Goods.

IATA : International Air Transport Association.

ICAO : International Civil Aviation Organisation

RID : Regulations concerning the International carriage of Dangerous goods by rail.

WGK : Wassergefährdungsklasse (Water Hazard Class).

GHS02 : Flame

GHS07 : Exclamation mark

GHS08 : Health hazard

PBT: Persistent, bioaccumulable and toxic.

vPvB : Very persistent, very bioaccumulable.

SVHC : Substances of very high concern.