



Page 1 of 29  
Safety data sheet according to Regulation (EC) No 1907/2006, Annex II  
Revision date / version: 17.12.2019 / 0001  
Replacing version dated / version: 17.12.2019 / 0001  
Valid from: 17.12.2019  
PDF print date: 17.12.2019  
4F-Primer porous 5 kg  
Art.: 9095821

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**Safety data sheet**  
**according to Regulation (EC) No 1907/2006, Annex II**

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

**1.1 Product identifier**

**4F-Primer porous 5 kg**  
**Art.: 9095821**

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

**Relevant identified uses of the substance or mixture:**

Coating

**Uses advised against:**

No information available at present.

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

BTI Befestigungstechnik GmbH & Co. KG  
Salzstr. 51  
74653 Ingelfingen  
Tel.: +49 7940 141 141  
Fax: +49 7940 141 9141  
Email: info@bti.de  
Homepage: www.bti.de

Qualified person's e-mail address: info@chemical-check.de, k.schnurbusch@chemical-check.de Please DO NOT use for requesting Safety Data Sheets.

**1.4 Emergency telephone number**

**Emergency information services / official advisory body:**

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**Telephone number of the company in case of emergencies:**

+49 (0) 700 / 24 112 112 (BRC)

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**SECTION 2: Hazards identification**

**2.1 Classification of the substance or mixture**

**Classification according to Regulation (EC) 1272/2008 (CLP)**

<b>Hazard class</b>	<b>Hazard category</b>	<b>Hazard statement</b>
Flam. Liq.	3	H226-Flammable liquid and vapour.
Acute Tox.	4	H332-Harmful if inhaled.
STOT RE	2	H373-May cause damage to organs through prolonged or repeated exposure.
Eye Irrit.	2	H319-Causes serious eye irritation.
STOT SE	3	H335-May cause respiratory irritation.

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Skin Irrit.	2	H315-Causes skin irritation.
Resp. Sens.	1	H334-May cause allergy or asthma symptoms or breathing difficulties if inhaled.
Skin Sens.	1	H317-May cause an allergic skin reaction.
Asp. Tox.	1	H304-May be fatal if swallowed and enters airways.
Carc.	2	H351-Suspected of causing cancer.
Aquatic Chronic	3	H412-Harmful to aquatic life with long lasting effects.

## 2.2 Label elements

### Labeling according to Regulation (EC) 1272/2008 (CLP)



Danger

H226-Flammable liquid and vapour. H332-Harmful if inhaled. H373-May cause damage to organs through prolonged or repeated exposure. H319-Causes serious eye irritation. H335-May cause respiratory irritation. H315-Causes skin irritation. H334-May cause allergy or asthma symptoms or breathing difficulties if inhaled. H317-May cause an allergic skin reaction. H304-May be fatal if swallowed and enters airways. H351-Suspected of causing cancer. H412-Harmful to aquatic life with long lasting effects.

P201-Obtain special instructions before use. P210-Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P260-Do not breathe vapours or spray. P273-Avoid release to the environment. P280-Wear protective gloves / protective clothing / eye protection / face protection. P301+P310-IF SWALLOWED: Immediately call a POISON CENTER / doctor. P304+P340-IF INHALED: Remove person to fresh air and keep comfortable for breathing. P308+P313-IF exposed or concerned: Get medical advice / attention. P331-Do NOT induce vomiting.

EUH204-Contains isocyanates. May produce an allergic reaction.

Maleic anhydride

m-tolylidene diisocyanate

Diphenylmethanediisocyanate, isomeres and homologues

Reaction mass of ethylbenzene and m-xylene and p-xylene

Addition reaction products of conjugated sunflower-oil fatty acids and tall-oil fatty acids with maleic anhydride

## 2.3 Other hazards

The mixture does not contain any vPvB substance (vPvB = very persistent, very bioaccumulative) or is not included under XIII of the regulation (EC) 1907/2006 (< 0,1 %).

The mixture does not contain any PBT substance (PBT = persistent, bioaccumulative, toxic) or is not included under XIII of the regulation (EC) 1907/2006 (< 0,1 %).

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Page 3 of 29

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II

Revision date / version: 17.12.2019 / 0001

Replacing version dated / version: 17.12.2019 / 0001

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4F-Primer porous 5 kg

Art.: 9095821

### SECTION 3: Composition/information on ingredients

#### 3.1 Substance

n.a.

#### 3.2 Mixture

Reaction mass of ethylbenzene and m-xylene and p-xylene	Substance for which an EU exposure limit value applies.
<b>Registration number (REACH)</b>	01-2119488216-32-XXXX
<b>Index</b>	---
<b>EINECS, ELINCS, NLP</b>	905-562-9 (REACH-IT List-No.)
<b>CAS</b>	---
<b>content %</b>	25-50
<b>Classification according to Regulation (EC) 1272/2008 (CLP)</b>	Flam. Liq. 3, H226 Asp. Tox. 1, H304 Acute Tox. 4, H312 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Acute Tox. 4, H332 STOT SE 3, H335 STOT RE 2, H373 (organs of hearing) Aquatic Chronic 3, H412

2-methoxy-1-methylethyl acetate	Substance for which an EU exposure limit value applies.
<b>Registration number (REACH)</b>	01-2119475791-29-XXXX
<b>Index</b>	607-195-00-7
<b>EINECS, ELINCS, NLP</b>	203-603-9
<b>CAS</b>	108-65-6
<b>content %</b>	10-25
<b>Classification according to Regulation (EC) 1272/2008 (CLP)</b>	Flam. Liq. 3, H226

Diphenylmethanediisocyanate, isomeres and homologues	
<b>Registration number (REACH)</b>	---
<b>Index</b>	---
<b>EINECS, ELINCS, NLP</b>	---
<b>CAS</b>	9016-87-9
<b>content %</b>	10-25
<b>Classification according to Regulation (EC) 1272/2008 (CLP)</b>	Acute Tox. 4, H332 Eye Irrit. 2, H319 STOT SE 3, H335 Skin Irrit. 2, H315 Resp. Sens. 1, H334 Skin Sens. 1, H317 Carc. 2, H351 STOT RE 2, H373

m-tolyldiene diisocyanate	
<b>Registration number (REACH)</b>	01-2119454791-34-XXXX
<b>Index</b>	615-006-00-4
<b>EINECS, ELINCS, NLP</b>	247-722-4



Page 4 of 29

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II

Revision date / version: 17.12.2019 / 0001

Replacing version dated / version: 17.12.2019 / 0001

Valid from: 17.12.2019

PDF print date: 17.12.2019

4F-Primer porous 5 kg

Art.: 9095821

<b>CAS</b>	26471-62-5
<b>content %</b>	0,1-<1
<b>Classification according to Regulation (EC) 1272/2008 (CLP)</b>	Carc. 2, H351 Acute Tox. 1, H330 Eye Irrit. 2, H319 STOT SE 3, H335 Skin Irrit. 2, H315 Resp. Sens. 1, H334 Skin Sens. 1, H317 Aquatic Chronic 3, H412

<b>Addition reaction products of conjugated sunflower-oil fatty acids and tall-oil fatty acids with maleic anhydride</b>	
<b>Registration number (REACH)</b>	01-2119976378-19-XXXX
<b>Index</b>	---
<b>EINECS, ELINCS, NLP</b>	---
<b>CAS</b>	---
<b>content %</b>	0,1-<1
<b>Classification according to Regulation (EC) 1272/2008 (CLP)</b>	Skin Irrit. 2, H315 Skin Sens. 1, H317

<b>Maleic anhydride</b>	
<b>Registration number (REACH)</b>	01-2119472428-31-XXXX
<b>Index</b>	607-096-00-9
<b>EINECS, ELINCS, NLP</b>	203-571-6
<b>CAS</b>	108-31-6
<b>content %</b>	0,001-<0,1
<b>Classification according to Regulation (EC) 1272/2008 (CLP)</b>	Acute Tox. 4, H302 Skin Corr. 1B, H314 Resp. Sens. 1, H334 Eye Dam. 1, H318 Skin Sens. 1A, H317 STOT RE 1, H372 (respiratory system) (as inhalation)

For the text of the H-phrases and classification codes (GHS/CLP), see Section 16.

The substances named in this section are given with their actual, appropriate classification!

For substances that are listed in appendix VI, table 3.1 of the regulation (EC) no. 1272/2008 (CLP regulation) this means that all notes that may be given here for the named classification have been taken into account.

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

First-aiders should ensure they are protected!

Never pour anything into the mouth of an unconscious person!

#### Inhalation

Remove person from danger area.

Supply person with fresh air and consult doctor according to symptoms.

If the person is unconscious, place in a stable side position and consult a doctor.

#### Skin contact



Page 5 of 29

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II

Revision date / version: 17.12.2019 / 0001

Replacing version dated / version: 17.12.2019 / 0001

Valid from: 17.12.2019

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4F-Primer porous 5 kg

Art.: 9095821

---

Remove polluted, soaked clothing immediately, wash thoroughly with plenty of water and soap, in case of irritation of the skin (flare), consult a doctor.

#### **Eye contact**

Remove contact lenses.

Wash thoroughly for several minutes using copious water. Seek medical help if necessary.

#### **Ingestion**

Rinse the mouth thoroughly with water.

Do not induce vomiting. Consult doctor immediately.

Danger of aspiration.

In case of vomiting, keep head low so that the stomach content does not reach the lungs.

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

If applicable delayed symptoms and effects can be found in section 11 and the absorption route in section 4.1.

In certain cases, the symptoms of poisoning may only appear after an extended period / after several hours.

Watering eyes

Drying of the skin.

Dermatitis (skin inflammation)

Allergic reaction possible.

In case of sensitivity, concentrations below the limit value may already result in asthmatic symptoms.

Ingestion:

Nausea

Vomiting

Danger of aspiration.

Oedema of the lungs

Chemical pneumonitis (condition similar to pneumonia)

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

Gastric lavage (stomach washing) only under endotracheal intubation.

Subsequent observation for pneumonia and pulmonary oedema.

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## **SECTION 5: Firefighting measures**

### **5.1 Extinguishing media**

#### **Suitable extinguishing media**

Water jet spray/foam/CO<sub>2</sub>/dry extinguisher

#### **Unsuitable extinguishing media**

High volume water jet

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

In case of fire the following can develop:

Oxides of carbon

Oxides of nitrogen

Hydrogen cyanide

Toxic gases

Explosive vapour/air or gas/air mixtures.

### **5.3 Advice for firefighters**

In case of fire and/or explosion do not breathe fumes.

Protective respirator with independent air supply.

According to size of fire

Full protection, if necessary.

Cool container at risk with water.

Dispose of contaminated extinction water according to official regulations.

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Page 6 of 29

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II

Revision date / version: 17.12.2019 / 0001

Replacing version dated / version: 17.12.2019 / 0001

Valid from: 17.12.2019

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4F-Primer porous 5 kg

Art.: 9095821

---

## **SECTION 6: Accidental release measures**

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

Keep unprotected persons away.

Ensure sufficient supply of air.

Remove possible causes of ignition - do not smoke.

Avoid contact with eyes or skin.

If applicable, caution - risk of slipping.

### **6.2 Environmental precautions**

If leakage occurs, dam up.

Resolve leaks if this possible without risk.

Prevent surface and ground-water infiltration, as well as ground penetration.

Prevent from entering drainage system.

If accidental entry into drainage system occurs, inform responsible authorities.

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

Soak up with absorbent material (e.g. universal binding agent, sand, diatomaceous earth, sawdust) and dispose of according to Section 13.

Fill the absorbed material into lockable containers.

### **6.4 Reference to other sections**

For personal protective equipment see Section 8 and for disposal instructions see Section 13.

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## **SECTION 7: Handling and storage**

In addition to information given in this section, relevant information can also be found in section 8 and 6.1.

### **7.1 Precautions for safe handling**

#### **7.1.1 General recommendations**

Ensure good ventilation.

Avoid inhalation of the vapours.

Keep away from sources of ignition - Do not smoke.

Take precautions against electrostatic charges.

Avoid contact with eyes or skin.

No contact with products of this type in case of allergies, asthma und chronic respiratory tract disorders.

Eating, drinking, smoking, as well as food-storage, is prohibited in work-room.

Observe directions on label and instructions for use.

Use working methods according to operating instructions.

#### **7.1.2 Notes on general hygiene measures at the workplace**

General hygiene measures for the handling of chemicals are applicable.

Wash hands before breaks and at end of work.

Keep away from food, drink and animal feedingstuffs.

Remove contaminated clothing and protective equipment before entering areas in which food is consumed.

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

Keep out of access to unauthorised individuals.

Store product closed and only in original packing.

Not to be stored in gangways or stair wells.

Observe special storage conditions.

Under all circumstances prevent penetration into the soil.

Do not store with flammable or self-igniting materials.

Protect from direct sunlight and warming.

Store in a well ventilated place.

Store cool.



Page 7 of 29

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II

Revision date / version: 17.12.2019 / 0001

Replacing version dated / version: 17.12.2019 / 0001

Valid from: 17.12.2019

PDF print date: 17.12.2019

4F-Primer porous 5 kg

Art.: 9095821

### 7.3 Specific end use(s)

No information available at present.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

Chemical Name	Reaction mass of ethylbenzene and m-xylene and p-xylene	Content %:25-50
WEL-TWA: 220 mg/m <sup>3</sup> (50 ppm) (WEL), 50 ppm (221 mg/m <sup>3</sup> ) (EU) (Xylene), 100 ppm (441mg/m <sup>3</sup> ) (WEL), 100 ppm (442 mg/m <sup>3</sup> ) (EU) (Ethylbenzene)	WEL-STEL: 100 ppm (441 mg/m <sup>3</sup> (WEL), 100 ppm (442 mg/m <sup>3</sup> ) (EU) (Xylene), 125 ppm (552 mg/m <sup>3</sup> ) (WEL), 200 ppm (884 mg/m <sup>3</sup> ) (EU) (Ethylbenzene)	---
Monitoring procedures:	<ul style="list-style-type: none"> <li>- Draeger - Hydrocarbons 2/a (81 03 581)</li> <li>- Draeger - Hydrocarbons 0,1%/c (81 03 571)</li> <li>MTA/MA-030/A92 (Determination of aromatic hydrocarbons (benzene, toluene, ethylbenzene, p-xylene, 1,2,4-trimethylbenzene) in air - Charcoal tube method / Gas chromatography) - 1992 - EU</li> <li>- project BC/CEN/ENTR/000/2002-16 card 47-1 (2004)</li> </ul>	
BMGV: 650 mmol methyl hippuric acid/mol creatinine in urine, post shift (Xylene, o-, m-, p- or mixed isomers) (BMGV) (Xylene)	Other information: Sk (WEL) (Xylene), Sk (WEL) (Ethylbenzene)	
Chemical Name	2-methoxy-1-methylethyl acetate	Content %:10-25
WEL-TWA: 50 ppm (274 mg/m <sup>3</sup> ) (WEL), 50 ppm (275 mg/m <sup>3</sup> ) (EU)	WEL-STEL: 100 ppm (548 mg/m <sup>3</sup> ) (WEL), 100 ppm (550 mg/m <sup>3</sup> ) (EU)	---
Monitoring procedures:	<ul style="list-style-type: none"> <li>MTA/MA-024/A92 (Determination of esters II (1-methoxy-2-propyl acetate, 2-ethoxyethyl acetate) in air - Charcoal tube method / Gas chromatography) - 1992 - EU project</li> <li>- BC/CEN/ENTR/000/2002-16 card 15-1 (2004)</li> </ul>	
BMGV: ---	Other information: Sk (WEL)	
Chemical Name	Diphenylmethanediisocyanate, isomeres and homologues	Content %:10-25
WEL-TWA: 0,02 mg/m <sup>3</sup> (Isocyanates, all (as -NCO))	WEL-STEL: 0,07 mg/m <sup>3</sup> (Isocyanates, all (as -NCO))	---
Monitoring procedures:	---	
BMGV: 1 µmol isocyanate-derived diamine/mol creatinine in urine (At the end of the period of exposure)	Other information: Sen (Isocyanates, all (as -NCO))	
Chemical Name	m-tolyldiene diisocyanate	Content %:0,1-<1
WEL-TWA: 0,02 mg/m <sup>3</sup> (Isocyanates, all (as -NCO))	WEL-STEL: 0,07 mg/m <sup>3</sup> (Isocyanates, all (as -NCO))	---
Monitoring procedures:	---	
BMGV: 1 µmol isocyanate-derived diamine/mol creatinine in urine (At the end of the period of exposure)	Other information: Sen (Isocyanates, all (as -NCO))	
Chemical Name	Maleic anhydride	Content %:0,001-<0,1
WEL-TWA: 1 mg/m <sup>3</sup>	WEL-STEL: 3 mg/m <sup>3</sup>	---



Page 8 of 29

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II

Revision date / version: 17.12.2019 / 0001

Replacing version dated / version: 17.12.2019 / 0001

Valid from: 17.12.2019

PDF print date: 17.12.2019

4F-Primer porous 5 kg

Art.: 9095821

Monitoring procedures: ---	Other information: Sen
BMGV: ---	

Reaction mass of ethylbenzene and m-xylene and p-xylene						
Area of application	Exposure route / Environmental compartment	Effect on health	Descriptor	Value	Unit	Note
	Environment - freshwater		PNEC	0,327	mg/l	
	Environment - marine		PNEC	0,327	mg/l	
	Environment - sediment, freshwater		PNEC	12,46	mg/kg	
	Environment - sediment, marine		PNEC	12,46	mg/kg	
	Environment - soil		PNEC	2,31	mg/kg	
	Environment - sewage treatment plant		PNEC	6,58	mg/l	
Workers / employees	Human - inhalation	Long term, systemic effects	DNEL	221	mg/m <sup>3</sup>	
Workers / employees	Human - inhalation	Short term, systemic effects	DNEL	442	mg/m <sup>3</sup>	

2-methoxy-1-methylethyl acetate						
Area of application	Exposure route / Environmental compartment	Effect on health	Descriptor	Value	Unit	Note
	Environment - freshwater		PNEC	0,635	mg/l	
	Environment - sediment, freshwater		PNEC	3,29	mg/kg	
	Environment - sediment, marine		PNEC	0,329	mg/kg	
	Environment - soil		PNEC	0,29	mg/kg	
	Environment - sewage treatment plant		PNEC	100	mg/l	
	Environment - marine		PNEC	0,0635	mg/l	
	Environment - water, sporadic (intermittent) release		PNEC	6,35	mg/l	
Consumer	Human - inhalation	Long term, systemic effects	DNEL	33	mg/m <sup>3</sup>	
Consumer	Human - dermal	Long term, systemic effects	DNEL	54,8	mg/kg	
Consumer	Human - oral	Long term, systemic effects	DNEL	1,67	mg/kg	





Page 9 of 29

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II

Revision date / version: 17.12.2019 / 0001

Replacing version dated / version: 17.12.2019 / 0001

Valid from: 17.12.2019

PDF print date: 17.12.2019

4F-Primer porous 5 kg

Art.: 9095821

Workers / employees	Human - dermal	Long term, systemic effects	DNEL	153,5	mg/kg	
Workers / employees	Human - inhalation	Long term, systemic effects	DNEL	275	mg/m <sup>3</sup>	

<b>Diphenylmethanediisocyanate, isomeres and homologues</b>						
<b>Area of application</b>	<b>Exposure route / Environmental compartment</b>	<b>Effect on health</b>	<b>Descriptor</b>	<b>Value</b>	<b>Unit</b>	<b>Note</b>
	Environment - freshwater		PNEC	1	mg/l	
	Environment - marine		PNEC	0,1	mg/l	
	Environment - water, sporadic (intermittent) release		PNEC	10	mg/l	
	Environment - sewage treatment plant		PNEC	1	mg/l	
	Environment - soil		PNEC	1	mg/kg	
Consumer	Human - oral	Short term, local effects	DNEL	20	mg/kg bw/d	
Consumer	Human - inhalation	Short term, local effects	DNEL	0,05	mg/m <sup>3</sup>	
Consumer	Human - inhalation	Short term, systemic effects	DNEL	0,05	mg/m <sup>3</sup>	
Consumer	Human - inhalation	Long term, local effects	DNEL	0,025	mg/m <sup>3</sup>	
Consumer	Human - inhalation	Long term, systemic effects	DNEL	0,025	mg/m <sup>3</sup>	
Consumer	Human - dermal	Short term, local effects	DNEL	17,2	mg/cm <sup>2</sup>	
Consumer	Human - dermal	Short term, systemic effects	DNEL	25	mg/kg bw/d	
Workers / employees	Human - inhalation	Short term, local effects	DNEL	0,1	mg/m <sup>3</sup>	
Workers / employees	Human - inhalation	Short term, systemic effects	DNEL	0,1	mg/m <sup>3</sup>	
Workers / employees	Human - inhalation	Long term, local effects	DNEL	0,05	mg/m <sup>3</sup>	
Workers / employees	Human - inhalation	Long term, systemic effects	DNEL	0,05	mg/m <sup>3</sup>	
Workers / employees	Human - dermal	Short term, local effects	DNEL	28,7	mg/cm <sup>2</sup>	
Workers / employees	Human - dermal	Short term, systemic effects	DNEL	50	mg/kg bw/d	

#### **Maleic anhydride**



Page 10 of 29

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II

Revision date / version: 17.12.2019 / 0001

Replacing version dated / version: 17.12.2019 / 0001

Valid from: 17.12.2019

PDF print date: 17.12.2019

4F-Primer porous 5 kg

Art.: 9095821

Area of application	Exposure route / Environmental compartment	Effect on health	Descriptor	Value	Unit	Note
	Environment - freshwater		PNEC	0,04281	mg/l	
	Environment - marine		PNEC	0,004281	mg/l	
	Environment - water, sporadic (intermittent) release		PNEC	0,4281	mg/l	
	Environment - sewage treatment plant		PNEC	44,6	mg/l	
	Environment - sediment, freshwater		PNEC	0,334	mg/l	
	Environment - sediment, marine		PNEC	0,0334	mg/l	
	Environment - soil		PNEC	0,0415	mg/l	
Workers / employees	Human - dermal	Short term, systemic effects	DNEL	0,04	mg/kg body weight/day	
Workers / employees	Human - inhalation	Short term, systemic effects	DNEL	0,8	mg/m <sup>3</sup>	
Workers / employees	Human - dermal	Short term, local effects	DNEL	0,04	mg/cm <sup>2</sup>	
Workers / employees	Human - inhalation	Short term, local effects	DNEL	0,8	mg/m <sup>3</sup>	
Workers / employees	Human - dermal	Long term, systemic effects	DNEL	0,04	mg/kg	
Workers / employees	Human - inhalation	Long term, systemic effects	DNEL	0,4	mg/m <sup>3</sup>	
Workers / employees	Human - dermal	Long term, local effects	DNEL	0,04	mg/kg body weight/day	
Workers / employees	Human - inhalation	Long term, local effects	DNEL	0,4	mg/m <sup>3</sup>	



WEL-TWA = Workplace Exposure Limit - Long-term exposure limit (8-hour TWA (= time weighted average) reference period) EH40. AGW = "Arbeitsplatzgrenzwert" (workplace limit value, Germany). (8) = Inhalable fraction (2017/164/EU, 2017/2398/EU). (9) = Respirable fraction (2017/164/EU, 2017/2398/EU). | WEL-STEL = Workplace Exposure Limit - Short-term exposure limit (15-minute reference period). (8) = Inhalable fraction (2017/164/EU, 2017/2398/EU). (9) = Respirable fraction (2017/164/EU, 2017/2398/EU). (10) = Short-term exposure limit value in relation to a reference period of 1 minute (2017/164/EU). | BMGV = Biological monitoring guidance value EH40. BGW = "Biologischer Grenzwert" (biological limit value, Germany) | Other information: Sen = Capable of causing occupational asthma. Sk = Can be absorbed through skin. Carc = Capable of causing cancer and/or heritable genetic damage. \*\* = The exposure limit for this substance is repealed through the TRGS 900 (Germany) of January 2006 with the goal of revision.



Page 11 of 29

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II

Revision date / version: 17.12.2019 / 0001

Replacing version dated / version: 17.12.2019 / 0001

Valid from: 17.12.2019

PDF print date: 17.12.2019

4F-Primer porous 5 kg

Art.: 9095821

---

## **8.2 Exposure controls**

### **8.2.1 Appropriate engineering controls**

Ensure good ventilation. This can be achieved by local suction or general air extraction.

If this is insufficient to maintain the concentration under the WEL or AGW values, suitable breathing protection should be worn.

Applies only if maximum permissible exposure values are listed here.

Suitable assessment methods for reviewing the effectiveness of protection measures adopted include metrological and non-metrological investigative techniques.

These are specified by e.g. BS EN 14042.

BS EN 14042 "Workplace atmospheres. Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents".

### **8.2.2 Individual protection measures, such as personal protective equipment**

General hygiene measures for the handling of chemicals are applicable.

Wash hands before breaks and at end of work.

Keep away from food, drink and animal feedingstuffs.

Remove contaminated clothing and protective equipment before entering areas in which food is consumed.

Eye/face protection:

Tight fitting protective goggles with side protection (EN 166).

Skin protection - Hand protection:

Chemical resistant protective gloves (EN 374).

Recommended

Protective gloves in butyl rubber (EN 374).

Minimum layer thickness in mm:

$\geq 0,5$

Safety gloves made of fluorocarbon rubber (EN 374).

Minimum layer thickness in mm:

$\geq 0,4$

Permeation time (penetration time) in minutes:

$\geq 480$

The breakthrough times determined in accordance with EN 16523-1 were not obtained under practical conditions.

The recommended maximum wearing time is 50% of breakthrough time.

Protective hand cream recommended.

Skin protection - Other:

Protective working garments (e.g. safety shoes EN ISO 20345, long-sleeved protective working garments).

Respiratory protection:

If OES or MEL is exceeded.

Filter A2 P2 (EN 14387), code colour brown, white

Observe wearing time limitations for respiratory protection equipment.

Thermal hazards:

Not applicable

Additional information on hand protection - No tests have been performed.



Page 12 of 29  
Safety data sheet according to Regulation (EC) No 1907/2006, Annex II  
Revision date / version: 17.12.2019 / 0001  
Replacing version dated / version: 17.12.2019 / 0001  
Valid from: 17.12.2019  
PDF print date: 17.12.2019  
4F-Primer porous 5 kg  
Art.: 9095821

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In the case of mixtures, the selection has been made according to the knowledge available and the information about the contents.

Selection of materials derived from glove manufacturer's indications.

Final selection of glove material must be made taking the breakthrough times, permeation rates and degradation into account.

Selection of a suitable glove depends not only on the material but also on other quality characteristics and varies from manufacturer to manufacturer.

In the case of mixtures, the resistance of glove materials cannot be predicted and must therefore be tested before use.

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

### 8.2.3 Environmental exposure controls

No information available at present.

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## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Physical state:	Liquid
Colour:	Light yellow, Transparent
Odour:	Characteristic
Odour threshold:	Not determined
pH-value:	Not determined
Melting point/freezing point:	Not determined
Initial boiling point and boiling range:	130 °C
Flash point:	27 °C (Xylene)
Evaporation rate:	Not determined
Flammability (solid, gas):	n.a.
Lower explosive limit:	0,8 Vol-%
Upper explosive limit:	10,8 Vol-%
Vapour pressure:	Not determined
Vapour density (air = 1):	Not determined
Density:	1 g/cm <sup>3</sup> (20°C)
Bulk density:	n.a.
Solubility(ies):	Not determined
Water solubility:	Not miscible
Partition coefficient (n-octanol/water):	Not determined
Auto-ignition temperature:	488 °C (Ignition temperature Xylene)
Decomposition temperature:	Not determined
Viscosity:	<40 mPas (20°C)
Explosive properties:	Product is not explosive. When using: development of explosive vapour/air mixture possible.
Oxidising properties:	No

### 9.2 Other information

Miscibility:	Not determined
Fat solubility / solvent:	Not determined
Conductivity:	Not determined
Surface tension:	Not determined
Solvents content:	Not determined

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Page 13 of 29  
 Safety data sheet according to Regulation (EC) No 1907/2006, Annex II  
 Revision date / version: 17.12.2019 / 0001  
 Replacing version dated / version: 17.12.2019 / 0001  
 Valid from: 17.12.2019  
 PDF print date: 17.12.2019  
 4F-Primer porous 5 kg  
 Art.: 9095821

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

The product has not been tested.

### 10.2 Chemical stability

Stable with proper storage and handling.

### 10.3 Possibility of hazardous reactions

No dangerous reactions are known.

### 10.4 Conditions to avoid

Heating, open flame, ignition sources

Electrostatic charge

### 10.5 Incompatible materials

Avoid contact with strong oxidizing agents.

### 10.6 Hazardous decomposition products

No decomposition when used as directed.

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

Possibly more information on health effects, see Section 2.1 (classification).

#### 4F-Primer porous 5 kg

Art.: 9095821

Toxicity / effect	Endpoint	Value	Unit	Organism	Test method	Notes
Acute toxicity, by oral route:						n.d.a.
Acute toxicity, by dermal route:	ATE	3242	mg/kg			calculated value
Acute toxicity, by inhalation:	ATE	17,7	mg/l/4h			calculated value, Vapours
Skin corrosion/irritation:						n.d.a.
Serious eye damage/irritation:						n.d.a.
Respiratory or skin sensitisation:						n.d.a.
Germ cell mutagenicity:						n.d.a.
Carcinogenicity:						n.d.a.
Reproductive toxicity:						n.d.a.
Specific target organ toxicity - single exposure (STOT-SE):						n.d.a.
Specific target organ toxicity - repeated exposure (STOT-RE):						n.d.a.
Aspiration hazard:						Asp. Tox. 1
Symptoms:						n.d.a.

**Reaction mass of ethylbenzene and m-xylene and p-xylene**



Page 14 of 29

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II

Revision date / version: 17.12.2019 / 0001

Replacing version dated / version: 17.12.2019 / 0001

Valid from: 17.12.2019

PDF print date: 17.12.2019

4F-Primer porous 5 kg

Art.: 9095821

Toxicity / effect	Endpoint	Value	Unit	Organism	Test method	Notes
Acute toxicity, by oral route:	LD50	3523	mg/kg	Rat	Regulation (EC) 440/2008 B.1 (ACUTE ORAL TOXICITY)	
Acute toxicity, by inhalation:	LC50	6350	ppm	Rat	Regulation (EC) 440/2008 B.2 (ACUTE TOXICITY (INHALATION))	Vapours
Germ cell mutagenicity:					OECD 478 (Genetic Toxicology - Rodent dominant Lethal Test)	Negative, Analogous conclusion
Germ cell mutagenicity:				Salmonella typhimurium	OECD 471 (Bacterial Reverse Mutation Test)	Negative, Analogous conclusion
Aspiration hazard:						Asp. Tox. 1

<b>2-methoxy-1-methylethyl acetate</b>						
Toxicity / effect	Endpoint	Value	Unit	Organism	Test method	Notes
Acute toxicity, by oral route:	LD50	>5000	mg/kg	Rabbit	OECD 401 (Acute Oral Toxicity)	
Acute toxicity, by oral route:	LD50	>8532	mg/kg	Rat		
Acute toxicity, by dermal route:	LD50	>5000	mg/kg	Rat		
Acute toxicity, by inhalation:	LC50	>23,8	mg/l/6h	Rat		
Skin corrosion/irritation:				Rabbit	OECD 404 (Acute Dermal Irritation/Corrosion)	Not irritant
Serious eye damage/irritation:				Rabbit		Mild irritant
Respiratory or skin sensitisation:						Not sensitising
Respiratory or skin sensitisation:				Guinea pig	OECD 406 (Skin Sensitisation)	No (skin contact)
Germ cell mutagenicity:					OECD 471 (Bacterial Reverse Mutation Test)	No indications of such an effect.

®

Page 15 of 29

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II

Revision date / version: 17.12.2019 / 0001

Replacing version dated / version: 17.12.2019 / 0001

Valid from: 17.12.2019

PDF print date: 17.12.2019

4F-Primer porous 5 kg

Art.: 9095821

Symptoms:						respiratory distress, drowsiness, unconsciousness, vomiting, headaches, mucous membrane irritation, dizziness, nausea
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<b>Diphenylmethanediisocyanate, isomeres and homologues</b>						
<b>Toxicity / effect</b>	<b>Endpoint</b>	<b>Value</b>	<b>Unit</b>	<b>Organism</b>	<b>Test method</b>	<b>Notes</b>
Acute toxicity, by oral route:	LD50	>10000	mg/kg	Rat	OECD 401 (Acute Oral Toxicity)	
Acute toxicity, by dermal route:	LD50	>9400	mg/kg	Rabbit	OECD 402 (Acute Dermal Toxicity)	
Acute toxicity, by inhalation:	LC50	0,49	mg/l/4h	Rat	OECD 403 (Acute Inhalation Toxicity)	Aerosol, Does not conform with EU classification
Skin corrosion/irritation:				Rabbit	OECD 404 (Acute Dermal Irritation/Corrosion)	Irritant
Serious eye damage/irritation:				Rabbit	OECD 405 (Acute Eye Irritation/Corrosion)	Mild irritant
Respiratory or skin sensitisation:				Guinea pig	OECD 406 (Skin Sensitisation)	Yes (skin contact)
Germ cell mutagenicity:					OECD 474 (Mammalian Erythrocyte Micronucleus Test)	Negative
Carcinogenicity:		1	mg/m3	Rat	OECD 453 (Combined Chronic Toxicity/Carcinogenicity Studies)	Positive
Reproductive toxicity:	NOAEL	12	mg/m3	Rat	OECD 414 (Prenatal Developmental Toxicity Study)	Negative, Aerosol

®

Page 16 of 29

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II

Revision date / version: 17.12.2019 / 0001

Replacing version dated / version: 17.12.2019 / 0001

Valid from: 17.12.2019

PDF print date: 17.12.2019

4F-Primer porous 5 kg

Art.: 9095821

Reproductive toxicity (Developmental toxicity):		4		Rat	OECD 414 (Prenatal Developmental Toxicity Study)	Negative
Reproductive toxicity (Effects on fertility):				Rat	OECD 414 (Prenatal Developmental Toxicity Study)	Negative
Specific target organ toxicity - single exposure (STOT-SE):						Irritation of the respiratory tract
Specific target organ toxicity - repeated exposure (STOT-RE):	NOEC	0,2	mg/kg		OECD 453 (Combined Chronic Toxicity/Carcinogenicity Studies)	
Aspiration hazard:						No
Symptoms:						fever, coughing, headaches, nausea and vomiting., dizziness, breathing difficulties, laryngeal oedema, abdominal pain, diarrhoea
Specific target organ toxicity - single exposure (STOT-SE), inhalative:						Target organ(s): respiratory organs, May cause respiratory irritation.

<b>m-tolylidene diisocyanate</b>						
<b>Toxicity / effect</b>	<b>Endpoint</b>	<b>Value</b>	<b>Unit</b>	<b>Organism</b>	<b>Test method</b>	<b>Notes</b>
Acute toxicity, by oral route:	LD50	5800	mg/kg	Rat		



®

Page 17 of 29

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II

Revision date / version: 17.12.2019 / 0001

Replacing version dated / version: 17.12.2019 / 0001

Valid from: 17.12.2019

PDF print date: 17.12.2019

4F-Primer porous 5 kg

Art.: 9095821

Symptoms:						asthmatic symptoms, breathing difficulties, eyes, reddened, coughing, mucous membrane irritation
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Addition reaction products of conjugated sunflower-oil fatty acids and tall-oil fatty acids with maleic anhydride						
Toxicity / effect	Endpoint	Value	Unit	Organism	Test method	Notes
Acute toxicity, by oral route:	LD50	>2000	mg/kg	Rat	OECD 423 (Acute Oral Toxicity - Acute Toxic Class Method)	
Skin corrosion/irritation:					OECD 439 (In Vitro Skin Irritation - Reconstructed Human Epidermis Test Method)	Skin Irrit. 2
Serious eye damage/irritation:				Rabbit	OECD 405 (Acute Eye Irritation/Corrosion)	Not irritant
Respiratory or skin sensitisation:				Mouse	OECD 429 (Skin Sensitisation - Local Lymph Node Assay)	Sensitising (skin contact)
Germ cell mutagenicity:					OECD 471 (Bacterial Reverse Mutation Test)	Negative
Reproductive toxicity (Developmental toxicity):	NOAEL	>=1000	mg/kg	Rat	OECD 422 (Combined Repeated Dose Tox. Study with the Reproduction/Developmental Tox. Screening Test)	



Page 18 of 29

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II

Revision date / version: 17.12.2019 / 0001

Replacing version dated / version: 17.12.2019 / 0001

Valid from: 17.12.2019

PDF print date: 17.12.2019

4F-Primer porous 5 kg

Art.: 9095821

Reproductive toxicity (Effects on fertility):	NOAEL	1000	mg/kg	Rat	OECD 422 (Combined Repeated Dose Tox. Study with the Reproduction/Dev elopm. Tox. Screening Test)	
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<b>Maleic anhydride</b>						
<b>Toxicity / effect</b>	<b>Endpoi nt</b>	<b>Value</b>	<b>Unit</b>	<b>Organism</b>	<b>Test method</b>	<b>Notes</b>
Acute toxicity, by oral route:	LD50	1090	mg/kg	Rat	OECD 401 (Acute Oral Toxicity)	
Acute toxicity, by dermal route:	LD50	2620	mg/kg	Rabbit		
Acute toxicity, by inhalation:	LC50	>4,35	mg/l/4h	Mouse		
Skin corrosion/irritation:				Human being		Corrosive
Skin corrosion/irritation:				Rat		Corrosive
Serious eye damage/irritation:				Rabbit		Corrosive, Risk of serious damage to eyes.
Respiratory or skin sensitisation:				Guinea pig	OECD 406 (Skin Sensitisation)	Sensitising (skin contact)
Respiratory or skin sensitisation:				Rat		Sensitising (inhalation)
Germ cell mutagenicity:					bacterial	References, Negative
Carcinogenicity:	NOAEL	>100	mg/kg bw/d	Rat		oral
Reproductive toxicity:	NOAEC	650	mg/kg bw/d	Rat		





Page 20 of 29

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II

Revision date / version: 17.12.2019 / 0001

Replacing version dated / version: 17.12.2019 / 0001

Valid from: 17.12.2019

PDF print date: 17.12.2019

4F-Primer porous 5 kg

Art.: 9095821

Other information:							With water at the interface, transforms slowly with formation of CO <sub>2</sub> into a firm, insoluble reaction product with a high melting point (polycarbamide). According to experience available to date, polycarbamide is inert and non-degradable.
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Reaction mass of ethylbenzene and m-xylene and p-xylene							
Toxicity / effect	Endpoint	Time	Value	Unit	Organism	Test method	Notes
12.5. Results of PBT and vPvB assessment							No PBT substance, No vPvB substance
Toxicity to annelids:	NOEC/NOEL	14d	16	mg/kg dw			

2-methoxy-1-methylethyl acetate							
Toxicity / effect	Endpoint	Time	Value	Unit	Organism	Test method	Notes
12.1. Toxicity to fish:	LC50	96h	100-180	mg/l	Oncorhynchus mykiss	OECD 203 (Fish, Acute Toxicity Test)	
12.1. Toxicity to fish:	LC50	96h	>100-180	mg/l	Oncorhynchus mykiss	OECD 203 (Fish, Acute Toxicity Test)	
12.1. Toxicity to daphnia:	EC50	48h	>500	mg/l	Daphnia magna		
12.1. Toxicity to daphnia:	EC50	48h	>500	mg/l	Daphnia magna	OECD 202 (Daphnia sp. Acute Immobilisation Test)	

12.1. Toxicity to daphnia:	NOEC/NOEL	21d	>100	mg/l	Daphnia magna	OECD 211 (Daphnia magna Reproduction Test)	
12.1. Toxicity to algae:	EC50	72h	>1000	mg/l	Selenastrum capricornutum	OECD 201 (Alga, Growth Inhibition Test)	
12.2. Persistence and degradability:		10d	83	%		OECD 301 F (Ready Biodegradability - Manometric Respirometry Test)	Readily biodegradable
12.4. Mobility in soil:	Koc		1,7				
12.5. Results of PBT and vPvB assessment							No PBT substance, No vPvB substance
Toxicity to bacteria:	EC20	30min	>1000	mg/l	activated sludge	OECD 209 (Activated Sludge, Respiration Inhibition Test (Carbon and Ammonium Oxidation))	

<b>Diphenylmethanediisocyanate, isomeres and homologues</b>							
<b>Toxicity / effect</b>	<b>Endpoint</b>	<b>Time</b>	<b>Value</b>	<b>Unit</b>	<b>Organism</b>	<b>Test method</b>	<b>Notes</b>
12.1. Toxicity to fish:	LC50	96h	>1000	mg/l	Brachydanio rerio	OECD 203 (Fish, Acute Toxicity Test)	
12.1. Toxicity to daphnia:	NOEC/NOEL	21d	>10	mg/l	Daphnia magna	OECD 211 (Daphnia magna Reproduction Test)	
12.1. Toxicity to daphnia:	EC50	24h	>1000	mg/l	Daphnia magna	OECD 202 (Daphnia sp. Acute Immobilisation Test)	



Page 22 of 29

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II

Revision date / version: 17.12.2019 / 0001

Replacing version dated / version: 17.12.2019 / 0001

Valid from: 17.12.2019

PDF print date: 17.12.2019

4F-Primer porous 5 kg

Art.: 9095821

12.1. Toxicity to algae:	EC50	72h	>1640	mg/l	Scenedesmus subspicatus	OECD 201 (Alga, Growth Inhibition Test)	
12.2. Persistence and degradability:		28d	0	%		OECD 301 C (Ready Biodegradability - Modified MITI Test (I))	Not biodegradable
12.3. Bioaccumulative potential:	BCF	42d	<14		Cyprinus caprio	OECD 305 (Bioconcentration - Flow-Through Fish Test)	A notable biological accumulation potential is not to be expected (LogPow 1-3).
12.5. Results of PBT and vPvB assessment							No PBT substance
Toxicity to bacteria:	EC50	3h	>100	mg/l	activated sludge	OECD 209 (Activated Sludge, Respiration Inhibition Test (Carbon and Ammonium Oxidation))	
Other organisms:	NOEC/NOEL	14d	>1000	mg/kg	Eisenia foetida	OECD 207 (Earthworm, Acute Toxicity Tests)	
Other information:	BOD	28d	<10	%		OECD 302 C (Inherent Biodegradability - Modified MITI Test (II))	
Other information:							Does not contain any organically bound halogens which can contribute to the AOX value in waste water.



Page 23 of 29

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II

Revision date / version: 17.12.2019 / 0001

Replacing version dated / version: 17.12.2019 / 0001

Valid from: 17.12.2019

PDF print date: 17.12.2019

4F-Primer porous 5 kg

Art.: 9095821

<b>Addition reaction products of conjugated sunflower-oil fatty acids and tall-oil fatty acids with maleic anhydride</b>							
<b>Toxicity / effect</b>	<b>Endpoint</b>	<b>Time</b>	<b>Value</b>	<b>Unit</b>	<b>Organism</b>	<b>Test method</b>	<b>Notes</b>
12.2. Persistence and degradability:		28d	40	%		OECD 301 F (Ready Biodegradability - Manometric Respirometry Test)	Not readily biodegradable
12.3. Bioaccumulative potential:	Log Pow		1				
12.1. Toxicity to fish:	LL50	48h	>150	mg/l	Leuciscus idus	DIN 38412 T.15	
12.1. Toxicity to daphnia:	EL50	48h	>100	mg/l	Daphnia magna	OECD 202 (Daphnia sp. Acute Immobilisation Test)	
12.1. Toxicity to algae:	EL50	72h	>100	mg/l	Pseudokirchneriella subcapitata	OECD 201 (Alga, Growth Inhibition Test)	
Toxicity to bacteria:	EC50	3h	>1000	mg/l	activated sludge	OECD 209 (Activated Sludge, Respiration Inhibition Test (Carbon and Ammonium Oxidation))	
12.4. Mobility in soil:	Log Koc		<=3,2			OECD 121 (Estimation of the Adsorption Coefficient (Koc) on Soil and on Sewage Sludge using HPLC)	

<b>Maleic anhydride</b>							
<b>Toxicity / effect</b>	<b>Endpoint</b>	<b>Time</b>	<b>Value</b>	<b>Unit</b>	<b>Organism</b>	<b>Test method</b>	<b>Notes</b>
12.1. Toxicity to fish:	LC50	96h	75	mg/l	Oncorhynchus mykiss		
12.1. Toxicity to daphnia:	EC50	48h	42,81	mg/l	Daphnia magna		



Page 24 of 29

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II

Revision date / version: 17.12.2019 / 0001

Replacing version dated / version: 17.12.2019 / 0001

Valid from: 17.12.2019

PDF print date: 17.12.2019

4F-Primer porous 5 kg

Art.: 9095821

12.1. Toxicity to algae:	EC50	72h	74,32	mg/l	Pseudokirchneriella subcapitata		
12.2. Persistence and degradability:		7d	98	%		OECD 301 E (Ready Biodegradability - Modified OECD Screening Test)	Hydrolysis
12.3. Bioaccumulative potential:	Log Pow		-2,61				Not to be expected
12.4. Mobility in soil:	Koc		1				Not to be expected
12.5. Results of PBT and vPvB assessment							No PBT substance, No vPvB substance
Toxicity to bacteria:	EC10	18h	44,6	mg/l	Pseudomonas putida	IUCLID Chem. Data Sheet (ESIS)	References

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

#### For the substance / mixture / residual amounts

The waste codes are recommendations based on the scheduled use of this product.

Owing to the user's specific conditions for use and disposal, other waste codes may be allocated under certain circumstances. (2014/955/EU)

08 04 09 waste adhesives and sealants containing organic solvents or other hazardous substances

Recommendation:

Sewage disposal shall be discouraged.

Pay attention to local and national official regulations.

E.g. suitable incineration plant.

E.g. dispose at suitable refuse site.

#### For contaminated packing material

Pay attention to local and national official regulations.

Empty container completely.

Uncontaminated packaging can be recycled.

Dispose of packaging that cannot be cleaned in the same manner as the substance.

Do not perforate, cut up or weld uncleaned container.

Residues may present a risk of explosion.

## SECTION 14: Transport information

### General statements

14.1. UN number:

1866





Page 25 of 29

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II

Revision date / version: 17.12.2019 / 0001

Replacing version dated / version: 17.12.2019 / 0001

Valid from: 17.12.2019

PDF print date: 17.12.2019

4F-Primer porous 5 kg

Art.: 9095821

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#### Transport by road/by rail (ADR/RID)

14.2. UN proper shipping name:

UN 1866 RESIN SOLUTION

14.3. Transport hazard class(es):

3



14.4. Packing group:

III

Classification code:

F1

LQ:

5 L

14.5. Environmental hazards:

Not applicable

Tunnel restriction code:

E

#### Transport by sea (IMDG-code)

14.2. UN proper shipping name:

RESIN SOLUTION

14.3. Transport hazard class(es):

3



14.4. Packing group:

III

EmS:

F-E, S-E

Marine Pollutant:

n.a

14.5. Environmental hazards:

Not applicable

#### Transport by air (IATA)

14.2. UN proper shipping name:

Resin solution

14.3. Transport hazard class(es):

3



14.4. Packing group:

III

14.5. Environmental hazards:

Not applicable

#### 14.6. Special precautions for user

Persons employed in transporting dangerous goods must be trained.

All persons involved in transporting must observe safety regulations.

Precautions must be taken to prevent damage.

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

Freighted as packaged goods rather than in bulk, therefore not applicable.

Minimum amount regulations have not been taken into account.

Danger code and packing code on request.

Comply with special provisions.

---

## SECTION 15: Regulatory information

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

Observe restrictions:

Comply with national regulations/laws governing maternity protection (national implementation of the Directive 92/85/EEC)!

Regulation (EC) No 1907/2006, Annex XVII

Diphenylmethanediisocyanate, isomeres and homologues

Comply with trade association/occupational health regulations.

Directive 2012/18/EU ("Seveso III"), Annex I, Part 1 - The following categories apply to this product (others may also need to be considered according to storage, handling etc.):



Page 26 of 29

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II

Revision date / version: 17.12.2019 / 0001

Replacing version dated / version: 17.12.2019 / 0001

Valid from: 17.12.2019

PDF print date: 17.12.2019

4F-Primer porous 5 kg

Art.: 9095821

Hazard categories	Notes to Annex I	Qualifying quantity (tonnes) of dangerous substances as referred to in Article 3(10) for the application of - Lower-tier requirements	Qualifying quantity (tonnes) of dangerous substances as referred to in Article 3(10) for the application of - Upper-tier requirements
P5c		5000	50000

The Notes to Annex 1 of Directive 2012/18/EU, in particular those named in the tables here and notes 1-6, must be taken into account when assigning categories and qualifying quantities.

Directive 2010/75/EU (VOC): 498 g/l

Observe incident regulations.

### 15.2 Chemical safety assessment

A chemical safety assessment is not provided for mixtures.

## SECTION 16: Other information

Revised sections: n.a.

Employee training in handling dangerous goods is required.

These details refer to the product as it is delivered.

Employee instruction/training in handling hazardous materials is required.

### Classification and processes used to derive the classification of the mixture in accordance with the ordinance (EG) 1272/2008 (CLP):

Classification in accordance with regulation (EC) No. 1272/2008 (CLP)	Evaluation method used
Flam. Liq. 3, H226	Classification based on test data.
Acute Tox. 4, H332	Classification according to calculation procedure.
STOT RE 2, H373	Classification according to calculation procedure.
Eye Irrit. 2, H319	Classification according to calculation procedure.
STOT SE 3, H335	Classification according to calculation procedure.
Skin Irrit. 2, H315	Classification according to calculation procedure.
Resp. Sens. 1, H334	Classification according to calculation procedure.
Skin Sens. 1, H317	Classification according to calculation procedure.
Asp. Tox. 1, H304	Classification according to calculation procedure.
Carc. 2, H351	Classification according to calculation procedure.
Aquatic Chronic 3, H412	Classification according to calculation procedure.

The following phrases represent the posted Hazard Class and Risk Category Code (GHS/CLP) of the product and the constituents (specified in Section 2 and 3).

H226 Flammable liquid and vapour.

H372 Causes damage to organs through prolonged or repeated exposure by inhalation.

H317 May cause an allergic skin reaction.

H302 Harmful if swallowed.

H304 May be fatal if swallowed and enters airways.



Page 27 of 29

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II

Revision date / version: 17.12.2019 / 0001

Replacing version dated / version: 17.12.2019 / 0001

Valid from: 17.12.2019

PDF print date: 17.12.2019

4F-Primer porous 5 kg

Art.: 9095821

---

H312 Harmful in contact with skin.

H314 Causes severe skin burns and eye damage.

H315 Causes skin irritation.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H330 Fatal if inhaled.

H332 Harmful if inhaled.

H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.

H335 May cause respiratory irritation.

H351 Suspected of causing cancer.

H373 May cause damage to organs through prolonged or repeated exposure.

H412 Harmful to aquatic life with long lasting effects.

Flam. Liq. — Flammable liquid

Acute Tox. — Acute toxicity - inhalation

STOT RE — Specific target organ toxicity - repeated exposure

Eye Irrit. — Eye irritation

STOT SE — Specific target organ toxicity - single exposure - respiratory tract irritation

Skin Irrit. — Skin irritation

Resp. Sens. — Respiratory sensitization

Skin Sens. — Skin sensitization

Asp. Tox. — Aspiration hazard

Carc. — Carcinogenicity

Aquatic Chronic — Hazardous to the aquatic environment - chronic

Acute Tox. — Acute toxicity - dermal

Acute Tox. — Acute toxicity - oral

Skin Corr. — Skin corrosion

Eye Dam. — Serious eye damage

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#### **Any abbreviations and acronyms used in this document:**

acc., acc. to according, according to

ADR Accord européen relatif au transport international des marchandises Dangereuses par Route (= European Agreement concerning the International Carriage of Dangerous Goods by Road)

AOX Adsorbable organic halogen compounds

approx. approximately

Art., Art. no. Article number

ASTM ASTM International (American Society for Testing and Materials)

BAM Bundesanstalt für Materialforschung und -prüfung (Federal Institute for Materials Research and Testing, Germany)

BAuA Bundesanstalt für Arbeitsschutz und Arbeitsmedizin (= Federal Institute for Occupational Health and Safety, Germany)

BSEF The International Bromine Council

bw body weight

CAS Chemical Abstracts Service

CLP Classification, Labelling and Packaging (REGULATION (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures)

CMR carcinogenic, mutagenic, reproductive toxic

DMEL Derived Minimum Effect Level



Page 28 of 29

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II

Revision date / version: 17.12.2019 / 0001

Replacing version dated / version: 17.12.2019 / 0001

Valid from: 17.12.2019

PDF print date: 17.12.2019

4F-Primer porous 5 kg

Art.: 9095821

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DNEL Derived No Effect Level

dw dry weight

e.g. for example (abbreviation of Latin 'exempli gratia'), for instance

EC European Community

ECHA European Chemicals Agency

EEC European Economic Community

EINECS European Inventory of Existing Commercial Chemical Substances

ELINCS European List of Notified Chemical Substances

EN European Norms

EPA United States Environmental Protection Agency (United States of America)

etc. et cetera

EU European Union

EVAl Ethylene-vinyl alcohol copolymer

Fax. Fax number

gen. general

GHS Globally Harmonized System of Classification and Labelling of Chemicals

GWP Global warming potential

IARC International Agency for Research on Cancer

IATA International Air Transport Association

IBC (Code) International Bulk Chemical (Code)

IMDG-code International Maritime Code for Dangerous Goods

incl. including, inclusive

IUCLID International Uniform Chemical Information Database

LQ Limited Quantities

MARPOL International Convention for the Prevention of Marine Pollution from Ships

n.a. not applicable

n.av. not available

n.c. not checked

n.d.a. no data available

OECD Organisation for Economic Co-operation and Development

org. organic

PBT persistent, bioaccumulative and toxic

PE Polyethylene

PNEC Predicted No Effect Concentration

ppm parts per million

PVC Polyvinylchloride

REACH Registration, Evaluation, Authorisation and Restriction of Chemicals (REGULATION (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals)

REACH-IT List-No. 9xx-xxx-x No. is automatically assigned, e.g. to pre-registrations without a CAS No. or other numerical identifier. List Numbers do not have any legal significance, rather they are purely technical identifiers for processing a submission via REACH-IT.

RID Règlement concernant le transport International ferroviaire de marchandises Dangereuses (= Regulation concerning the International Carriage of Dangerous Goods by Rail)

SVHC Substances of Very High Concern

Tel. Telephone

UN RTDG United Nations Recommendations on the Transport of Dangerous Goods

VOC Volatile organic compounds

vPvB very persistent and very bioaccumulative

wwt wet weight

The statements made here should describe the product with regard to the necessary safety precautions - they are

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Page 29 of 29

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not meant to guarantee definite characteristics - but they are based on our present up-to-date knowledge.  
No responsibility.