



# Safety data sheet

according to 1907/2006/EC, Article 31

Version number 11

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

- **1.1 Product identifier**
- **Trade name:** PC® Primer 195 Hardener
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**  
No further relevant information available.
- **Application of the substance / the mixture**  
Hardening agent/ Curing agent  
For use in industrial installations or professional treatment only.
- **Uses advised against** SU21 Consumer uses: Private households / general public / consumers
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
United Foam ApS  
Jupitervej 30,  
DK-7620, Lemvig
- **Further information obtainable from:**  
Tel.: +45 8637 3811  
E-Mail: isol@unitedfoam.com

## SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**



GHS08 health hazard

Repr. 2 H361f Suspected of damaging fertility.



GHS05 corrosion

Skin Corr. 1B H314 Causes severe skin burns and eye damage.

Eye Dam. 1 H318 Causes serious eye damage.



GHS07

Skin Sens. 1 H317 May cause an allergic skin reaction.

- **2.2 Label elements**
- **Labelling according to Regulation (EC) No 1272/2008**  
The product is classified and labelled according to the CLP regulation.
- **Hazard pictograms** GHS05, GHS07, GHS08
- **Signal word** Danger
- **Hazard-determining components of labelling:**  
3-aminomethyl-3,5,5-trimethylcyclohexylamine  
bisphenol A  
3-aminopropyldimethylamine  
m-phenylenebis(methylamine)  
2,4,6-tris(dimethylaminomethyl)phenol  
3-aminopropyltriethoxysilane
- **Hazard statements**  
H314 Causes severe skin burns and eye damage.  
H317 May cause an allergic skin reaction.

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H361f Suspected of damaging fertility.

- **Precautionary statements**

P260 Do not breathe dusts or mists.

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

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTER/doctor.

P405 Store locked up.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

- **2.3 Other hazards**

- **Results of PBT and vPvB assessment**

- **PBT:** Not applicable.

- **vPvB:** Not applicable.

## SECTION 3: Composition/information on ingredients

- **3.2 Chemical characterisation: Mixtures**

- **Description:** Mixture of substances listed below with nonhazardous additions.

- **Dangerous components:**

CAS: 100-51-6 EINECS: 202-859-9 Index number: 603-057-00-5	Benzyl alcohol ⚠ Acute Tox. 4, H302; Acute Tox. 4, H332; Eye Irrit. 2, H319	25-75%
CAS: 2855-13-2 EINECS: 220-666-8 Index number: 612-067-00-9	3-aminomethyl-3,5,5-trimethylcyclohexylamine ⚠ Skin Corr. 1B, H314; Eye Dam. 1, H318; ⚠ Acute Tox. 4, H302; Acute Tox. 4, H312; Skin Sens. 1A, H317; Aquatic Chronic 3, H412	2.5-10%
CAS: 1477-55-0 EINECS: 216-032-5	m-phenylenebis(methylamine) ⚠ Skin Corr. 1B, H314; ⚠ Acute Tox. 4, H302; Acute Tox. 4, H332; Skin Sens. 1, H317; Aquatic Chronic 3, H412	2.5-10%
CAS: 80-05-7 EINECS: 201-245-8 Index number: 604-030-00-0	bisphenol A ⚠ Repr. 2, H361f; ⚠ Eye Dam. 1, H318; ⚠ Skin Sens. 1, H317; STOT SE 3, H335	2.5-10%
CAS: 109-55-7 EINECS: 203-680-9 Index number: 612-061-00-6	3-aminopropyl dimethylamine ⚠ Flam. Liq. 3, H226; ⚠ Skin Corr. 1B, H314; Eye Dam. 1, H318; ⚠ Acute Tox. 4, H302; Acute Tox. 4, H312; Skin Sens. 1, H317; STOT SE 3, H335	2.5-10%
CAS: 90-72-2 EINECS: 202-013-9 Index number: 603-069-00-0	2,4,6-tris(dimethylaminomethyl)phenol ⚠ Skin Corr. 1C, H314; Eye Dam. 1, H318; ⚠ Skin Sens. 1B, H317	2.5-10%

- **SVHC**

CAS: 80-05-7 bisphenol A

- **Additional information:** For the wording of the listed hazard phrases refer to section 16.

## SECTION 4: First aid measures

- **4.1 Description of first aid measures**

- **General information:** Immediately remove any clothing soiled by the product.

- **After inhalation:**

Supply fresh air or oxygen; call for doctor.

In case of unconsciousness place patient stably in side position for transportation.

Supply fresh air and to be sure call for a doctor.

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- **After skin contact:**  
Seek immediate medical advice.  
Immediately rinse with water.
- **After eye contact:** Rinse opened eye for several minutes under running water. Then consult a doctor.
- **After swallowing:** Drink plenty of water and provide fresh air. Call for a doctor immediately.
- **4.2 Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **4.3 Indication of any immediate medical attention and special treatment needed**  
No further relevant information available.

## SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents:**  
CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **For safety reasons unsuitable extinguishing agents:** Water with full jet
- **5.2 Special hazards arising from the substance or mixture** No further relevant information available.
- **5.3 Advice for firefighters**
- **Protective equipment:** Wear self-contained respiratory protective device.
- **Additional information**  
Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.  
Collect contaminated fire fighting water separately. It must not enter the sewage system.

## SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**  
Wear protective equipment. Keep unprotected persons away.  
Ensure adequate ventilation  
Keep away from ignition sources.  
Use respiratory protective device against the effects of fumes/dust/aerosol.
- **6.2 Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **6.3 Methods and material for containment and cleaning up:**  
Use neutralising agent.  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).  
Dispose contaminated material as waste according to item 13.  
Ensure adequate ventilation.
- **6.4 Reference to other sections**  
See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.

## SECTION 7: Handling and storage

- **7.1 Precautions for safe handling** Store in cool, dry place in tightly closed receptacles.
- **Information about fire - and explosion protection:**  
Fumes can combine with air to form an explosive mixture.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:**  
Store only in the original receptacle.  
Provide floor trough without outlet.  
Provide solvent resistant, sealed floor.
- **Information about storage in one common storage facility:**  
Do not store together with acids.  
Store away from foodstuffs.
- **Further information about storage conditions:** Keep receptacle tightly sealed.

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· 7.3 **Specific end use(s)** No further relevant information available.

### SECTION 8: Exposure controls/personal protection

· **Additional information about design of technical facilities:** No further data; see item 7.· **8.1 Control parameters**· **Ingredients with limit values that require monitoring at the workplace:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

· **DNELs****CAS: 100-51-6 Benzyl alcohol**

Dermal DNEL 9.5 mg/kg bw/d (Professional Worker - Long-term)

Inhalative DNEL 22 mg/m<sup>3</sup> (Professional Worker - Long-term)**CAS: 2855-13-2 3-aminomethyl-3,5,5-trimethylcyclohexylamine**

Oral DNEL 0.526 mg/kg bw/d (General Population - Long-term)

Inhalative DNEL 20.1 mg/m<sup>3</sup> (Professional Worker - Short-term)**CAS: 1477-55-0 m-phenylenebis(methylamine)**

Dermal DNEL 0.33 mg/kg bw/d (Professional Worker - Short-term)

Inhalative DNEL 1.2 mg/m<sup>3</sup> (Professional Worker - Short-term)**CAS: 80-05-7 bisphenol A**

Dermal DNEL 1.4 mg/kg bw/d (Industrial Worker - Short-term)

Inhalative DNEL 10 mg/m<sup>3</sup> (Professional Worker - Short-term)**CAS: 109-55-7 3-aminopropyldimethylamine**Inhalative DNEL 9.8 mg/m<sup>3</sup> (Professional Worker - Short-term) (systemic)**CAS: 90-72-2 2,4,6-tris(dimethylaminomethyl)phenol**Inhalative DNEL 0.31 mg/m<sup>3</sup> (Industrial Worker - Long-term) (systemic effects)· **PNECs****CAS: 100-51-6 Benzyl alcohol**

PNEC 5.27 - (Sediment)

0.456 - (Soil)

PNEC 0.527 mg/kg dw (Marine Sediment)

PNEC 1 mg/l (Fresh Water)

0.1 mg/l (Marine Water)

2.3 mg/l (aqua (intermittent releases))

**CAS: 2855-13-2 3-aminomethyl-3,5,5-trimethylcyclohexylamine**

PNEC 5.784 - (Fresh water sediment) (dry weight)

0.578 - (Marine Sediment) (dry weight)

1.121 - (Soil) (dry weight)

PNEC 0.06 mg/l (Fresh Water) ((freshwater))

0.006 mg/l (Marine Water) ((seawater))

0.23 mg/l (aqua (intermittent releases))

3.18 mg/l (Sewage Treatment Plant (STP))

**CAS: 1477-55-0 m-phenylenebis(methylamine)**

PNEC 0.094 mg/l (Fresh Water)

0.0094 mg/l (Marine Water)

**CAS: 80-05-7 bisphenol A**

PNEC 0.018 mg/l (Fresh Water)

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	0.016 mg/l (Marine Water)
<b>CAS: 109-55-7 3-aminopropyldimethylamine</b>	
PNEC	0.0535 mg/l (Fresh Water)
	0.00535 mg/l (Marine Water)
<b>CAS: 90-72-2 2,4,6-tris(dimethylaminomethyl)phenol</b>	
PNEC	0.84 mg/l (Fresh Water)

· **Additional information:** The lists valid during the making were used as basis.

· **8.2 Exposure controls**

· **Personal protective equipment:**

· **General protective and hygienic measures:**

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work.

Avoid contact with the eyes.

Avoid contact with the eyes and skin.

Pregnant women should strictly avoid inhalation or skin contact.

Do not eat, drink, smoke or sniff while working.

· **Respiratory protection:** Filter A/P2

· **Protection of hands:**



Protective gloves

Only use chemical-protective gloves with CE-labelling of category III.

Check the permeability prior to each renewed use of the glove.

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

· **Material of gloves**

Nitrile rubber, NBR

Fluorocarbon rubber (Viton)

Recommended thickness of the material:  $\geq 0.5$  mm

· **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· **Not suitable are gloves made of the following materials:**

Leather gloves

Strong material gloves

· **Eye protection:**



Tightly sealed goggles

· **Body protection:** Protective work clothing

### SECTION 9: Physical and chemical properties

· **9.1 Information on basic physical and chemical properties**

· **General Information**

· **Appearance:**

**Form:**

Fluid

**Colour:**

According to product specification

· **Odour:**

Amine-like

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· <b>Odour threshold:</b>	Not determined.
· <b>pH-value:</b>	Not determined.
· <b>Change in condition</b> <b>Melting point/freezing point:</b>	Undetermined.
<b>Initial boiling point and boiling range:</b>	135 °C
· <b>Flash point:</b>	86 °C
· <b>Flammability (solid, gas):</b>	Not applicable.
· <b>Ignition temperature:</b>	215 °C
· <b>Decomposition temperature:</b>	Not determined.
· <b>Auto-ignition temperature:</b>	Product is not selfigniting.
· <b>Explosive properties:</b>	Product does not present an explosion hazard.
· <b>Explosion limits:</b>	
<b>Lower:</b>	1.3 Vol %
<b>Upper:</b>	13 Vol %
· <b>Vapour pressure at 20 °C:</b>	0.3 hPa
· <b>Density at 20 °C:</b>	1.02 g/cm <sup>3</sup>
· <b>Relative density</b>	Not determined.
· <b>Vapour density</b>	Not determined.
· <b>Evaporation rate</b>	Not determined.
· <b>Solubility in / Miscibility with water:</b>	Not miscible or difficult to mix.
· <b>Partition coefficient n-octanol/water (logPow):</b>	Not determined.
· <b>Viscosity:</b>	
<b>Dynamic at 20 °C:</b>	600 mPas
<b>Kinematic:</b>	Not determined.
· <b>Solvent content:</b>	
<b>Organic solvents:</b>	40.0 %
· <b>9.2 Other information</b>	No further relevant information available.

### SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions** Strong exothermic reaction with acids.
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** Reacts with strong oxidising agents.
- **10.6 Hazardous decomposition products:**  
In case of fire, the following can be released:  
Poisonous gases/vapours  
Corrosive gases/vapours

### SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity** Based on available data, the classification criteria are not met.

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· **LD/LC50 values relevant for classification:****CAS: 100-51-6 Benzyl alcohol**

Oral	LD50	1,040 mg/kg (mouse) 1,620 mg/kg (rat)
Dermal	LD50	2,000 mg/kg (rabbit)
Inhalative	LC50/4 h	4.178 mg/l (rat)

**CAS: 2855-13-2 3-aminomethyl-3,5,5-trimethylcyclohexylamine**

Oral	LD50	1,030 mg/kg (rat)
Dermal	LD50	>2,000 mg/kg (rat) (OECD TG 402) 1,840 mg/kg (rabbit)

**CAS: 1477-55-0 m-phenylenebis(methylamine)**

Oral	LD50	930 mg/kg (rat)
Dermal	LD50	3,100 mg/kg (rabbit)

**CAS: 80-05-7 bisphenol A**

Oral	LD50	3,250 mg/kg (rat)
Dermal	LD50	3,000 mg/kg (rabbit)
Inhalative	LC50/4 h	>5 mg/l (rat)

**CAS: 109-55-7 3-aminopropyl dimethylamine**

Oral	LD50	410 mg/kg (rat)
Dermal	LD50	1,200 mg/kg (rat) 2,130 mg/kg (rabbit)
Inhalative	LC50/4 h	>4.31 mg/l (rat)

**CAS: 90-72-2 2,4,6-tris(dimethylaminomethyl)phenol**

Oral	LD50	2,169 mg/kg (rat)
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· **Specific symptoms in biological assay:**· **No Observed Effect Level - NOEL****CAS: 2855-13-2 3-aminomethyl-3,5,5-trimethylcyclohexylamine**

Oral	NOAEL	50 mg/kg (OECD TG 414 , rat, teratogenity) 250 mg/kg (rat) (OECD TG 414 - teratogenity)
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**CAS: 1477-55-0 m-phenylenebis(methylamine)**

	NOEC (21 d)	4.7 mg/l (daphnae) (OECD 211)
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· **Primary irritant effect:**· **Skin corrosion/irritation**

Causes severe skin burns and eye damage.

· **Serious eye damage/irritation**

Causes serious eye damage.

· **Respiratory or skin sensitisation**

May cause an allergic skin reaction.

· **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**· **Germ cell mutagenicity** Based on available data, the classification criteria are not met.· **Carcinogenicity** Based on available data, the classification criteria are not met.· **Reproductive toxicity**

Suspected of damaging fertility.

· **STOT-single exposure** Based on available data, the classification criteria are not met.· **STOT-repeated exposure** Based on available data, the classification criteria are not met.· **Aspiration hazard** Based on available data, the classification criteria are not met.

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## SECTION 12: Ecological information

### · 12.1 Toxicity

#### · Aquatic toxicity:

##### **CAS: 100-51-6 Benzyl alcohol**

EC/LC50/0,5h	71 mg/l ( <i>Photobacterium phosphoreum</i> , bacteria) ( <i>Photobacterium phosphorum</i> ) 400 mg/l (bacteria) ( <i>Pseudomonas putida</i> )
EC50/24 h	400 mg/l (daphnae)
EC50	79 mg/l (algae) ((EC50(3 h) <i>Scenedesmus quadricauda</i> )
LC50/96 h	10 mg/l ( <i>Lepomis macrochirus</i> , fish) 460 mg/l (fish) ( <i>Pimephales promelas</i> )
EC/LC50/96h	640 mg/l (algae) (EC50(96 h) <i>Alge Scenedesmus</i> sp.) 460 mg/l (fish) ( <i>Pimephales promelas</i> )

##### **CAS: 2855-13-2 3-aminomethyl-3,5,5-trimethylcyclohexylamine**

EC10/18h	1,120 mg/l ( <i>Pseudomonas putida</i> (bacteria))
EC50 (72 h)	>50 mg/l ( <i>Scenedesmus subspicatus</i> , algae) (ErC50, EG88/302)
EC50/504	3 mg/l (daphnae)
NOEC	1.5 mg/l (algae) (NOEC-72 h, EG 88/302, <i>Desmodesmus subspicatus</i> )
LC50/96 h	110 mg/l ( <i>brachydanio rerio</i> (fish))
EC50/48h	23 mg/l (daphnae)

##### **CAS: 1477-55-0 m-phenylenebis(methylamine)**

EC/LC50/72 h	12 mg/l (algae)
EC50 (72 h)	20.3 mg/l (algae) (( <i>Selenastrum capricornutum</i> ))
NOEC, 72 h	10.5 mg/l (algae) (OECD 201, <i>Selenastrum capricornutum</i> )
LC50/96 h	87.6 mg/l (fish) (( <i>Oryzias Latipes</i> ))
EC50/48h	15.2 mg/l (daphnae)

##### **CAS: 80-05-7 bisphenol A**

EC50	<10 mg/l (algae) 42 mg/l (fish) ((EC50(96 h))
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##### **CAS: 109-55-7 3-aminopropylidimethylamine**

EC10(17 h)	69.5 mg/l ( <i>Pseudomonas putida</i> (bacteria))
EC/LC	95 mg/l (bacteria) ((EC50(17 h) <i>Pseudomonas putida</i> ) 122 mg/l ( <i>leuciscus idus</i> (fish))
EC50	>1,000 mg/l (bacteria) ((EC50(0,5h) activated sludge)
EC/LC50/48 h	44.5 mg/l (daphnae)
EC/LC50/72 h	53.5 mg/l (algae)
EC50/48h	59.5 mg/l (daphnae)

##### **CAS: 90-72-2 2,4,6-tris(dimethylaminomethyl)phenol**

EC/LC	2 mg/l (bacteria) (activated sludge (OECD 301 D 28d))
EC/LC50/24 h	222 mg/l ( <i>Ochorhyncus mykiss</i> (fish))
EC50	84 mg/l (algae)
LC50/96 h	175 mg/l (fish) (( <i>Cyprinus carpio</i> ))
EC/LC50/96h	718 mg/l ( <i>Cyprinus carpio</i> (fish))

- **12.2 Persistence and degradability** No further relevant information available.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.

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· **Ecotoxicological effects:**· **Behaviour in sewage processing plants:****CAS: 100-51-6 Benzyl alcohol**

EC50/3h 79 mg/l (algae) ((Scenedesmus quadricauda))

· **Additional ecological information:**· **AOX-indication:** not relevant· **General notes:**

Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water

Do not allow product to reach ground water, water course or sewage system.

Must not reach sewage water or drainage ditch undiluted or unneutralised.

Danger to drinking water if even small quantities leak into the ground.

· **12.5 Results of PBT and vPvB assessment**· **PBT:** Not applicable.· **vPvB:** Not applicable.· **12.6 Other adverse effects** No further relevant information available.\* **SECTION 13: Disposal considerations**· **13.1 Waste treatment methods**· **Recommendation**

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

Must be specially treated adhering to official regulations.

· **European waste catalogue**

08 00 00	WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS
08 02 00	wastes from MFSU of other coatings (including ceramic materials)
08 02 99	wastes not otherwise specified
HP 6	Acute Toxicity
HP 8	Corrosive
HP 10	Toxic for reproduction

· **Uncleaned packaging:**· **Recommendation:** Disposal must be made according to official regulations.\* **SECTION 14: Transport information**· **14.1 UN-Number**· **ADR, IMDG, IATA**

UN2735

· **14.2 UN proper shipping name**· **ADR**

2735 AMINES, LIQUID, CORROSIVE, N.O.S. (3-

aminopropyl dimethylamine, m-phenylenebis(methylamine))

· **IMDG, IATA**

AMINES, LIQUID, CORROSIVE, N.O.S. (3-

aminopropyl dimethylamine, m-phenylenebis(methylamine))

· **14.3 Transport hazard class(es)**· **ADR, IMDG, IATA**· **Class**

8 Corrosive substances.

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· <b>Label</b>	8
· <b>14.4 Packing group</b> · <b>ADR, IMDG, IATA</b>	II
· <b>14.5 Environmental hazards:</b> · <b>Marine pollutant:</b>	No
· <b>14.6 Special precautions for user</b> · <b>Danger code (Kemler):</b> · <b>EMS Number:</b> · <b>Segregation groups</b> · <b>Stowage Category</b> · <b>Segregation Code</b>	Warning: Corrosive substances. 80 F-A,S-B Alkalis A SG35 Stow "separated from" acids.
· <b>14.7 Transport in bulk according to Annex II of Marpol and the IBC Code</b>	Not applicable.
· <b>Transport/Additional information:</b>	
· <b>ADR</b> · <b>Limited quantities (LQ)</b> · <b>Excepted quantities (EQ)</b>  · <b>Transport category</b> · <b>Tunnel restriction code</b>	1L Code: E2 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml 2 E
· <b>IMDG</b> · <b>Limited quantities (LQ)</b> · <b>Excepted quantities (EQ)</b>	5L Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
· <b>UN "Model Regulation":</b>	UN 2735 AMINES, LIQUID, CORROSIVE, N.O.S. (3-AMINOPROPYLDIMETHYLAMINE, M-PHENYLENEBIS(METHYLAMINE)), 8, II

### SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Labelling according to Regulation (EC) No 1272/2008**  
The product is classified and labelled according to the CLP regulation.
- **Hazard pictograms** GHS05, GHS07, GHS08
- **Signal word** Danger
- **Hazard-determining components of labelling:**  
3-aminomethyl-3,5,5-trimethylcyclohexylamine  
bisphenol A  
3-aminopropyl dimethylamine  
m-phenylenebis(methylamine)  
2,4,6-tris(dimethylaminomethyl)phenol  
3-aminopropyltriethoxysilane
- **Hazard statements**  
H314 Causes severe skin burns and eye damage.  
H317 May cause an allergic skin reaction.  
H361f Suspected of damaging fertility.
- **Precautionary statements**  
P260 Do not breathe dusts or mists.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.

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**P303+P361+P353 IF ON SKIN (or hair):** Take off immediately all contaminated clothing. Rinse skin with water/shower.

**P305+P351+P338 IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

**P310** Immediately call a POISON CENTER/doctor.

**P405** Store locked up.

**P501** Dispose of contents/container in accordance with local/regional/national/international regulations.

- **Directive 2012/18/EU**
- **Named dangerous substances - ANNEX I** None of the ingredients is listed.
- **REGULATION (EC) No 1907/2006 ANNEX XVII** Conditions of restriction: 3
- **National regulations:**

- **Technical instructions (air):**

Class	Share in %
III	2.5-10
NK	25-75

- **Waterhazard class:**  
Water hazard class 2 (Self-assessment): hazardous for water.  
(VwVws (Germany) issued 17.05.1999)

- **Other regulations, limitations and prohibitive regulations**

· **Substances of very high concern (SVHC) according to REACH, Article 57**

CAS: 80-05-7 | bisphenol A

- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

### SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Relevant phrases**

H226 Flammable liquid and vapour.  
 H302 Harmful if swallowed.  
 H312 Harmful in contact with skin.  
 H314 Causes severe skin burns and eye damage.  
 H317 May cause an allergic skin reaction.  
 H318 Causes serious eye damage.  
 H319 Causes serious eye irritation.  
 H332 Harmful if inhaled.  
 H335 May cause respiratory irritation.  
 H361f Suspected of damaging fertility.  
 H412 Harmful to aquatic life with long lasting effects.

- **Department issuing SDS:** Environmental protection department

· **Contact:** Dr. Dipl. Chem. Martin Priese

- **Abbreviations and acronyms:**

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)  
 IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)  
 ICAO: International Civil Aviation Organisation  
 ICAO-TI: Technical Instructions by the "International Civil Aviation Organisation" (ICAO)  
 ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)  
 IMDG: International Maritime Code for Dangerous Goods  
 IATA: International Air Transport Association  
 GHS: Globally Harmonised System of Classification and Labelling of Chemicals  
 EINECS: European Inventory of Existing Commercial Chemical Substances  
 ELINCS: European List of Notified Chemical Substances  
 CAS: Chemical Abstracts Service (division of the American Chemical Society)

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**Safety data sheet**  
 according to 1907/2006/EC, Article 31

Version number 11

**Trade name: PC® Primer 195 Hardener**

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*DNEL: Derived No-Effect Level (REACH)*  
*PNEC: Predicted No-Effect Concentration (REACH)*  
*LC50: Lethal concentration, 50 percent*  
*LD50: Lethal dose, 50 percent*  
*PBT: Persistent, Bioaccumulative and Toxic*  
*SVHC: Substances of Very High Concern*  
*vPvB: very Persistent and very Bioaccumulative*  
*Flam. Liq. 3: Flammable liquids – Category 3*  
*Acute Tox. 4: Acute toxicity – Category 4*  
*Skin Corr. 1B: Skin corrosion/irritation – Category 1B*  
*Skin Corr. 1C: Skin corrosion/irritation – Category 1C*  
*Eye Dam. 1: Serious eye damage/eye irritation – Category 1*  
*Eye Irrit. 2: Serious eye damage/eye irritation – Category 2*  
*Skin Sens. 1: Skin sensitisation – Category 1*  
*Skin Sens. 1A: Skin sensitisation – Category 1A*  
*Skin Sens. 1B: Skin sensitisation – Category 1B*  
*Repr. 2: Reproductive toxicity – Category 2*  
*STOT SE 3: Specific target organ toxicity (single exposure) – Category 3*  
*Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3*  
 • **\* Data compared to the previous version altered.**

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