

SAFETY DATA SHEET
POWER BOND WHITE / 2-3 MIN. A

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Compilation date: 07-12-2015
Revision No: 1

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

1.1. Product identifier

Product name: POWER BOND WHITE / 2-3 MIN. A

Product code: 7008/UNL A

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

Use of substance / mixture: PC1: Adhesives, sealants.

1.3. Details of the supplier of the safety data sheet

Company name: ProPart International B.V.

Molenakker 3

Reuver

5953 TW

The Netherlands

Tel: +31 (0) 77 476 2368

Fax: +31 (0) 77 476 2424

Email: info@propart-international.com

1.4. Emergency telephone number

Emergency tel: +31 (0) 77 476 2368 (08.30-17.00)

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: Eye Dam. 1: H318; Flam. Liq. 2: H225; Skin Corr. 1B: H314; Skin Sens. 1: H317; STOT SE 3: H335; Aquatic Chronic 3: H412; -: EUH208

Most important adverse effects: Contains poly(oxy-1,2-ethanediyl),a-hydro-w-[(1-oxo-2-propen-1-yl)oxy]-, ether with 2-ethyl-2-(hydroxymethyl)-1,3-propanediol (3:1). May produce an allergic reaction. Causes serious eye damage. Highly flammable liquid and vapour. Causes severe skin burns and eye damage. May cause an allergic skin reaction. May cause respiratory irritation. Harmful to aquatic life with long lasting effects.

2.2. Label elements

Label elements:

Hazard statements: EUH208: Contains poly(oxy-1,2-ethanediyl),a-hydro-w-[(1-oxo-2-propen-1-yl)oxy]-, ether with 2-ethyl-2-(hydroxymethyl)-1,3-propanediol (3:1). May produce an allergic reaction.
H318: Causes serious eye damage.
H225: Highly flammable liquid and vapour.
H314: Causes severe skin burns and eye damage.
H317: May cause an allergic skin reaction.

[cont...]

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H335: May cause respiratory irritation.

H412: Harmful to aquatic life with long lasting effects.

Hazard pictograms: GHS02: Flame

GHS05: Corrosion

GHS07: Exclamation mark



Signal words: Danger

Precautionary statements: P501: Dispose of contents/container to an approved waste disposal according to local/regional/national/international regulations.

P101: If medical advice is needed, have product container or label at hand.

P102: Keep out of reach of children.

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

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

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

P301+330+331: IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

P310: Immediately call a POISON CENTER/doctor/.

P303+361+353: IF ON SKIN (or hair): Take off immediately all contaminated clothing.

Rinse skin with water/shower.

P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P405: Store locked up.

2.3. Other hazards

PBT: This product is not identified as a PBT/vPvB substance.

Section 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients:

METHYL METHACRYLATE

EINECS	CAS	PBT / WEL	CLP Classification	Percent
201-297-1	80-62-6	-	Flam. Liq. 2: H225; STOT SE 3: H335; Skin Irrit. 2: H315; Skin Sens. 1: H317	60.000%

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URETHANMETHACRYLAT-OLIGOMER

-	-	-	Skin Irrit. 2: H315; Eye Irrit. 2: H319	5.500%
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2-METHYLPROPENOIC ACID

201-204-4	79-41-4	-	Acute Tox. 4: H312; Acute Tox. 4: H302; Skin Corr. 1A: H314	5.500%
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P-TOLUENESULFONYL CHLORIDE

202-684-8	98-59-9	-	Met. Corr. 1: H290; Eye Irrit. 2: H319; Eye Dam. 1: H318	3.000%
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2,6-DI-TERT-BUTYL-P-CRESOL

204-881-4	128-37-0	-	Acute Tox. 4: H302; Skin Irrit. 2: H315; Eye Irrit. 2: H319; Skin Sens. 1A: H317; STOT SE 1: H370; STOT RE 2: H373; Aquatic Acute 1: H400; Aquatic Chronic 1: H410	1.750%
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CUMENE HYDROPEROXIDE

201-254-7	80-15-9	-	Org. Perox. EF: H242; Acute Tox. 3: H331; Acute Tox. 4: H312; Acute Tox. 4: H302; STOT RE 2: H373; Skin Corr. 1B: H314	1.750%
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POLY(OXY-1,2-ETHANEDIYL),A-HYDRO-W-[(1-OXO-2-PROPEN-1-YL)OXY]-, ETHER WITH 2-ETHYL-2-(HYDROXYMETHYL)-1,3-PROPANEDIOL (3:1)

500-066-5	28961-43-5	-	Eye Irrit. 2: H319; Skin Sens. 1: H317	0.550%
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Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water. If irritation persists consult a doctor.

Eye contact: Bathe the eye with running water for 15 minutes. Remove contact lenses. If irritation persists, consult a doctor.

Ingestion: Call a doctor immediately. Do not induce vomiting. Wash out mouth with water. Then drink plenty of water.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. Provide fresh air. In case of complaints consult doctor.

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

Skin contact: No data available.

Eye contact: No data available.

Ingestion: No data available.

Inhalation: No data available.

[cont...]

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

Immediate / special treatment: Show this safety data sheet to the doctor in attendance. Causes burns. Treat symptomatically.

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers. Carbon dioxide. Water spray. Dry chemical powder. Alcohol resistant foam. Do not use water jet.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: Risk of formation of toxic pyrolysis products.

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes. Collect extinguishing water to prevent it from draining into the sewer system.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Eliminate all sources of ignition. Ensure adequate ventilation. Do not attempt to take action without suitable protective clothing - see section 8 of SDS. Mark out the contaminated area with signs and prevent access to unauthorised personnel.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS. Refer to section 13 of SDS.

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Avoid the formation or spread of mists in the air. Smoking is forbidden. Do not eat, drink or smoke when using this product. Workers should wash hands and face before eating, drinking and smoking. Preventive skin protection by using skin protection cream. Contaminated clothing may not leave the workspace. Remove contaminated clothing and wash before reuse.

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7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep container tightly closed. Keep away from sources of ignition. Keep away from direct sunlight. Prevent the build up of electrostatic charge in the immediate area. Do not store together with oxidizing agents. Keep away from heat.

Suitable packaging: Must only be kept in original packaging.

7.3. Specific end use(s)

Section 8: Exposure controls/personal protection

8.1. Control parameters

Hazardous ingredients:

METHYL METHACRYLATE

Workplace exposure limits:

Respirable dust

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	50 ppm	100 ppm	-	-

2-METHYLPROPENOIC ACID

UK	72 mg/m ³	143 mg/m ³	-	-
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DNEL/PNEC Values

DNEL / PNEC No data available.

8.2. Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area.

Respiratory protection: Self-contained breathing apparatus must be available in case of emergency. Respirator when high concentrations. Short term filter device: A.

Hand protection: The details concerned are recommendations. For additional information contact the glove supplier. Butyl gloves. Full contact:> 480 min (EN 374). Spray contact> 60 min (EN 374).

Eye protection: Tightly fitting safety goggles. Ensure eye bath is to hand.

Skin protection: Protective clothing.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid

Colour: Whitish.

Odour: Characteristic odour

Evaporation rate: No data available.

Oxidising: No.

Solubility in water: Not miscible

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Viscosity: 130.000-150.000 mPas (20°C).

Boiling point/range°C: No data available.

Melting point/range°C: No data available.

Flammability limits %: lower: No data available.

upper: No data available.

Flash point°C: 11

Part.coeff. n-octanol/water: No data available.

Autoflammability°C: No data available.

Vapour pressure: No data available.

Relative density: No data available.

pH: No data available.

VOC g/l: No data available.

9.2. Other information

Other information: Density: 0,97 g/ml.

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.

Decomposition may occur on exposure to conditions or materials listed below.

10.4. Conditions to avoid

Conditions to avoid: Heat.

10.5. Incompatible materials

Materials to avoid: Reducing agents. Heavy metals. Strong oxidising agents.

10.6. Hazardous decomposition products

Haz. decomp. products: Flammable gases / vapors.

Section 11: Toxicological information

11.1. Information on toxicological effects

Hazardous ingredients:

METHYL METHACRYLATE

IPR	RAT	LD50	1328	mg/kg
ORL	MUS	LD50	3625	mg/kg
ORL	RAT	LD50	7872	mg/kg

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2-METHYLPROPENOIC ACID

ORL	MUS	LD50	1250	mg/kg
ORL	RAT	LD50	1600	mg/kg

CUMENE HYDROPEROXIDE

ORL	MUS	LDLO	5	gm/kg
ORL	RAT	LD50	382	mg/kg
SCU	RAT	LD50	382	mg/kg

Relevant hazards for substance:

Hazard	Route	Basis
Skin corrosion/irritation	DRM	Hazardous: calculated
Serious eye damage/irritation	OPT	Hazardous: calculated
Respiratory/skin sensitisation	DRM	Hazardous: calculated
STOT-single exposure	INH	Hazardous: calculated

Symptoms / routes of exposure

Skin contact: No data available.

Eye contact: No data available.

Ingestion: No data available.

Inhalation: No data available.

Other information: The listed toxicological data of the ingredients are intended for medical professionals, professionals from the sector safety and health at the workplace and toxicologists.
Toxicological data of complete product are not available.

Section 12: Ecological information

12.1. Toxicity

Ecotoxicity values:

Species	Test	Value	Units
CAS 80-15-9	-	-	-
RAINBOW TROUT (<i>Oncorhynchus mykiss</i>)	96H LC50	3,9	mg/l
Daphnia magna	24H EC50	7	mg/l
CAS 128-37-0	-	-	-
Oryzias latipes	48H LC50	5	mg/l (IUCLID)
Scenedesmus Subspicatus	72H EC50	>0,42	mg/l (IUCLID)
CAS 80-62-6	-	-	-
GREEN ALGA (<i>Selenastrum capricornutum</i>)	72H EC50	>110	mg/l (OECD 201)

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Daphnia magna	48H EC50	69	mg/l (OECD 202)
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12.2. Persistence and degradability

Persistence and degradability: No data available.

12.3. Bioaccumulative potential

Bioaccumulative potential: No data available.

12.4. Mobility in soil

Mobility: No data available.

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Other adverse effects: Ecological data of complete product are not available. Do not discharge product unmonitored into the environment.

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Dispose of as hazardous waste. In compliance with the local regulations must be disposed of by incineration.

Waste code number: 08 04 09

Disposal of packaging: Empty packaging should be just like the substance removed. Uncleaned packaging:
Recommendation: Non contaminated packagings may be recycled.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

14.1. UN number

UN number: UN2924

14.2. UN proper shipping name

Shipping name: FLAMMABLE LIQUID, CORROSIVE, N.O.S.

14.3. Transport hazard class(es)

Transport class: 3 (8)

14.4. Packing group

Packing group: II

14.5. Environmental hazards

Environmentally hazardous: No

Marine pollutant: No

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14.6. Special precautions for user

Tunnel code: D/E

Transport category: 2

Section 15: Regulatory information

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

Specific regulations: Not applicable.

15.2. Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

Section 16: Other information

Other information

Other information: This safety data sheet is prepared in accordance with Regulation (EC) No. 1907/2006.

This safety data sheet is prepared in accordance with Commission Regulation (EC) No 1272/2008.

* indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and s.3: EUH208: Contains <name of sensitising substance>. May produce an allergic reaction.

H225: Highly flammable liquid and vapour.

H242: Heating may cause a fire.

H290: May be corrosive to metals.

H302: Harmful if swallowed.

H312: Harmful in contact with skin.

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.

H331: Toxic if inhaled.

H335: May cause respiratory irritation.

H370: Causes damage to organs <or state all organs affected, if known> <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.

H373: May cause damage to organs <or state all organs affected, if known> through prolonged or repeated exposure <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.

H400: Very toxic to aquatic life.

H410: Very toxic to aquatic life with long lasting effects.

H412: Harmful to aquatic life with long lasting effects.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive

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and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.