



SAFETY DATA SHEET
PROFI-CAR RADIATOR SEALER

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Compilation date: 25.11.2020
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Section 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name: PC RADIATOR SEALER

Product code: 60302

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

Use of substance / mixture: sealant corrosion protection liquid

1.3. Details of the supplier of the safety data sheet

Company name: PROFI-TECH GmbH

Otto-Lilienthal-Strasse 2

Friedrichshafen

88046

Germany

Tel: +49 7541 402860

Fax: +49 7541 4028699

Email: info@profi-tech.com

1.4. Emergency telephone number

Emergency tel: 24-hour emergency contact number out side USA/Canada: + 49 70024112112 (PRT)
24-hour emergency contact number in side USA/Canada: +11 49 70024112112 (PRT)

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: This product has no classification under CLP.

2.2. Label elements

Label elements:

Precautionary statements: P102: Keep out of reach of children.

2.3. Other hazards

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

Section 3: Composition/information on ingredients

3.2. Mixtures

Non-classified ingredients:

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WATER,DEM. - REACH registered number(s): 02-2119752839-21-0000

EINECS	CAS	PBT / WEL	CLP Classification	Percent
231-791-2	7732-18-5	-	-	50-70%

PROPAN-1,2-DIOL - REACH registered number(s): 02-2119752808-26-0000

200-338-0	57-55-6	-	-	10-30%
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C.I. FOOD BLUE 5:2 SODIUM SALT - REACH registered number(s): 01-2120752830-56-0000

243-654-4	20262-76-4	-	-	<1%
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XANTHAN GUM

234-394-2	11138-66-2	-	-	<1%
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POLYETHYLENE

POLYMER	9002-88-4	-	-	1-10%
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NATRIUMBENZOATE - REACH registered number(s): 02-2119460683-35

208-534-8	532-32-1	-	Eye Irrit. 2: H319	<1%
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YELLOW MUSTARD POWDER, FOODGRADE

-	-	-	-	1-10%
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SILICON DIOXIDE, AMORPHOUS - REACH registered number(s): 01-2119379499-16

231-545-4	7631-86-9	-	-	1-10%
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N,N-BIS(2-HYDROXYETHYL)OLEAMID - REACH registered number(s): 01-2119968565-22-0000

202-281-7	93-83-4	-	Skin Irrit. 2: H315; Eye Dam. 1: H318	<1%
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2,2'-IMINODIETHANOL - REACH registered number(s): 01-2119488930-28

203-868-0	111-42-2	-	Acute Tox. 4: H302; STOT RE 2: H373; Skin Irrit. 2: H315; Eye Dam. 1: H318	<1%
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OLEYLSARKOSINSÄURE-NEUTRALIZED - REACH registered number(s): 01-2119488991-20

203-749-3	110-25-8	-	Acute Tox. 4: H332; Skin Irrit. 2: H315; Eye Dam. 1: H318; Aquatic Acute 1: H400	<1%
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Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Wash immediately with plenty of soap and water.

Eye contact: Bathe the eye with running water for 15 minutes.

Ingestion: Wash out mouth with water.

Inhalation: Consult a doctor.

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

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: There may be irritation of the throat.

Inhalation: No symptoms.

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

Immediate / special treatment: Not applicable.

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.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes.

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.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Refer to section 8 of SDS for personal protection details. Turn leaking containers leak-side up to prevent the escape of liquid.

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.

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Ensure there is sufficient ventilation of the area. Avoid direct contact with the substance.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep container tightly closed.

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

Non-classified ingredients:

2,2'-IMINODIETHANOL

Workplace exposure limits:

Respirable dust

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	13 mg/m3	-	-	-

DNEL/PNEC Values

DNEL / PNEC No data available.

8.2. Exposure controls

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

Respiratory protection: Respiratory protection not required.

Hand protection: Protective gloves.

Eye protection: Safety glasses. 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: Green-blue

Odour: Characteristic odour

Evaporation rate: Negligible

Solubility in water: Miscible

Viscosity: Viscous

Kinematic viscosity: 125

Viscosity test method: Kinematic viscosity in 10-6 m2/s at 40°C (ISO 3104/3105)

Boiling point/range°C: 100

Autoflammability°C: >200

Relative density: 1,023

pH: 7,2

9.2. Other information

Other information: No data available.

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.

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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: Direct sunlight. Heat.

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids.

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes.

Section 11: Toxicological information

11.1. Information on toxicological effects

Non-classified ingredients:

PROPAN-1,2-DIOL

DERMAL	RBT	LD50	>2000	mg/kg
DUST/MIST	RBT	2H LC50	>317042	mg/l
ORAL	RAT	LD50	22000	mg/kg

XANTHAN GUM

ORAL	RAT	LD50	>5000	mg/kg
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NATRIUMBENZOATE

DERMAL	RBT	LD50	>2000	mg/kg
GASES	RAT	4H LC50	>12,2	mg/l

N,N-BIS(2-HYDROXYETHYL)OLEAMID

DERMAL	RBT	LD50	>2000	mg/kg
ORAL	RAT	LD50	>2000	mg/kg

2,2'-IMINODIETHANOL

IVN	RAT	LD50	778	mg/kg
ORL	MUS	LD50	3300	mg/kg
ORL	RAT	LD50	620	µl/kg
SCU	RAT	LD50	2200	mg/kg

Toxicity values: No data available.

Symptoms / routes of exposure

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: There may be irritation of the throat.

Inhalation: No symptoms.

Section 12: Ecological information

12.1. Toxicity

Hazardous ingredients:

PROPAN-1,2-DIOL

Ceriodaphnia dubia	48H EC50	18340	mg/l
Oncorhynchus mykiss	96H LC50	40613	mg/l
Pseudokirchneriella subcapitata	96H ErC50	19000	mg/l

XANTHAN GUM

Oncorhynchus mykiss	96H LC50	420	mg/l
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NATRIUMBENZOATE

Daphnia magna	96H LC50	>100	mg/l
Pseudokirchneriella subcapitata	72H ErC50	>30,5	mg/l

Ecotoxicity values: No data available.

12.2. Persistence and degradability

Persistence and degradability: Biodegradable in part only.

12.3. Bioaccumulative potential

Bioaccumulative potential: No bioaccumulation potential.

12.4. Mobility in soil

Mobility: Readily absorbed into soil.

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: Negligible ecotoxicity.

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Physico-chemical treatment not specified elsewhere in this Annex which results in final compounds or mixtures which are discarded by means of any of the other possible disposal operations (e.g. evaporation, drying, calcination, etc.).

Recovery operations: Recycling/reclamation of organic substances which are not used as solvents (including composting and other biological transformation processes).



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Waste code number: 160504

Disposal of packaging: Dispose of in a regulated landfill site or other method for hazardous or toxic wastes.

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

Section 14: Transport information

Transport class: This product does not require a classification for transport.

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: according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

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

Phrases used in s.2 and s.3: H302: Harmful if swallowed.

H315: Causes skin irritation.

H318: Causes serious eye damage.

H319: Causes serious eye irritation.

H332: Harmful if inhaled.

H373: May cause damage to organs ({{{0||message=<or state all organs affected, if known>||filter=(_)?ORGAN_.+}}}) through prolonged or repeated exposure ({{{1||message=<state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>||filter=(_)?EXP_ROUTE_.+}}}).

H400: Very toxic to aquatic life.

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

