

**SAFETY DATA SHEET**

PRIMER METALL

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Compilation date: 16-03-2015

Revision date: 20-9-2017

Revision No: 3

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

**1.1. Product identifier**

**Product name:** PRIMER METALL

**Product code:** 5069

**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](mailto: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:** Flam. Liq. 2: H225; Skin Irrit. 2: H315; Eye Dam. 1: H318; Repr. 2: H361d; STOT SE 3: H336; Asp. Tox. 1: H304; Aquatic Chronic 2: H411

**Most important adverse effects:** Highly flammable liquid and vapour. Causes skin irritation. Causes serious eye damage. Suspected of damaging the unborn child. May cause drowsiness or dizziness. May be fatal if swallowed and enters airways. Toxic to aquatic life with long lasting effects.

**2.2. Label elements**

**Label elements:**

**Hazard statements:** H225: Highly flammable liquid and vapour.

H315: Causes skin irritation.

H318: Causes serious eye damage.

H361d: Suspected of damaging the unborn child.

H336: May cause drowsiness or dizziness.

H304: May be fatal if swallowed and enters airways.

H411: Toxic to aquatic life with long lasting effects.

[cont...]

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**Hazard pictograms:** GHS02: Flame  
GHS05: Corrosion  
GHS07: Exclamation mark  
GHS08: Health hazard  
GHS09: Environmental



**Signal words:** Danger

**Precautionary statements:** 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.  
P273: Avoid release to the environment.  
P280: Wear protective gloves/protective clothing/eye protection/face protection.  
P301+310: IF SWALLOWED: Immediately call a POISON CENTER/doctor.  
P331: Do NOT induce vomiting.  
P305+351+338: 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.  
P302+352: IF ON SKIN: Wash with plenty of water/soap.

## 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:

ALKANES, C7-10-ISO

EINECS	CAS	PBT / WEL	CLP Classification	Percent
292-458-5	90622-56-3	-	Flam. Liq. 2: H225; Aquatic Chronic 2: H411; Skin Irrit. 2: H315; STOT SE 3: H335; Asp. Tox. 1: H304	82.500%

TETRA-N-BUTYLTITANATE

227-006-8	5593-70-4	-	Flam. Liq. 3: H226; Skin Irrit. 2: H315; Eye Dam. 1: H318	7.500%
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## TETRAETHYL SILICATE

201-083-8	78-10-4	-	Flam. Liq. 3: H226; Acute Tox. 4: H332; Eye Irrit. 2: H319; STOT SE 3: H335	4.000%
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## TOLUENE

203-625-9	108-88-3	-	Flam. Liq. 2: H225; Repr. 2: H361d; Asp. Tox. 1: H304; STOT RE 2: H373; Skin Irrit. 2: H315; STOT SE 3: H336	3.000%
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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. Get medical attention if symptoms occur. If irritation persists consult a doctor.

**Eye contact:** Wash immediately with plenty of water for at least 10 minutes, opening the eyelids fully. Remove contact lenses. Continue rinsing. Consult an ophthalmologist.

**Ingestion:** After swallowing rinse the mouth with plenty of water (only if the person is conscious) and obtain immediate medical attention. Do not induce vomiting. Call a poison control center or doctor immediately. Keep person warm and at rest.

**Inhalation:** Move to fresh air in case of accidental inhalation of vapours. Move victim to fresh air and position comfortably. Keep victim warm and quiet. When symptoms persist consult doctor.

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

**Skin contact:** Contact causes skin irritation.

**Eye contact:** There may be irritation and redness. The eyes may water profusely. Causes severe eye damage.

**Ingestion:** There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur. There may be vomiting. Reduced foetal weight, increase in foetal deaths, skeletal malformations.

**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing. Nausea and stomach pain may occur. There may be vomiting. Reduced foetal weight, increase in foetal deaths, skeletal malformations. Headache, drowsiness/fatigue, dizziness/vertigo, unconsciousness.

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

**Immediate / special treatment:** Eye bathing equipment should be available on the premises. When collecting medical advice, keep packaging, label or safety data sheet at hand.

## Section 5: Fire-fighting measures

### 5.1. Extinguishing media

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

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

**Exposure hazards:** Forms explosive air-vapour mixture. In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

## 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. Do not allow run-off from fire-fighting to enter drains or water courses.

## Section 6: Accidental release measures

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

**Personal precautions:** keep away from ignition sources on account of the organic solvent content and air room well Do not breathe vapor. Wear protective equipment.

### 6.2. Environmental precautions

**Environmental precautions:** Do not allow to enter into soil/subsoil. Do not discharge into drains or rivers.

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

**Clean-up procedures:** With a moisture-binding material (sand, diatomin, acid binders, universal binder, business flour). Treat the recovered material as prescribed in the section on waste disposal.

### 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:** Use only in well-ventilated areas. Keep away from heat, sparks and flames. Keep ignition sources away. Smoking is forbidden. Protect against electrostatic charges.

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

**Storage conditions:** Keep container tightly closed. Store in a cool, well ventilated area. Keep away from food and feed.

**Suitable packaging:** Must only be kept in original packaging.

### 7.3. Specific end use(s)

**Specific end use(s):** Solvent borne primer-Observe technical data sheet. For the professional user

## Section 8: Exposure controls/personal protection

### 8.1. Control parameters

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**Hazardous ingredients:**

## TETRAETHYL SILICATE

**Workplace exposure limits:**

**Respirable dust**

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	87 mg/m <sup>3</sup>	260 mg/m <sup>3</sup>	-	-

## TOLUENE

UK	191 mg/m <sup>3</sup>	384 mg/m <sup>3</sup>	-	-
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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. The usual precautions for handling chemicals should be observed. Do not eat, drink or smoke while working. Wash hands before breaks and at end of work. Remove contaminated clothing immediately. Avoid contact with the eyes and skin.

**Respiratory protection:** Respiratory protection required in insufficiently ventilated working areas and during spraying. For short term use: Combination filtering device (EN 14387) combination filter - type A-P2 (for gases and vapours of organic compounds, boiling point above 60°C /particles, colour code brown/white).

**Hand protection:** Chemical resistant protective gloves (EN 374). CR (polychloroprene, chloroprene rubber - 0.75mm), NBR (Nitrile rubber - 0.85mm), PVA (Polyvinyl alcohol - 1.1mm), Special Laminates (0.75mm). (permeation index 2 to 4 according to 30 to 120 minutes). Most suitable are gloves made from laminates with multi layers. Remark: Disposable gloves are suitable as protection against spray or splashes, only. Appropriate gloves are available e.g. from Mapa-Professionel (F-92205 Neuilly sur Seine - France): STANZOIL® (CR - 0.85mm) - ULTRIL® 377 (NBR - 1.3mm) - CHEM-PLY® (0.75mm).

**Eye protection:** Ensure eye bath is to hand. Safety glasses with side-shields. EN 166.

**Skin protection:** Protective clothing.

### Section 9: Physical and chemical properties

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

**State:** Liquid

**Colour:** Light Yellow.

**Odour:** Solvent

**Solubility in water:** Insoluble

**Boiling point/range°C:** 116

**Melting point/range°C:** No data available.

**Flammability limits %: lower:** 0,9

**upper:** 7

**Flash point°C:** 9

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

**Autoflammability°C:** 420

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Vapour pressure: No data available.

Relative density: 0.8 g/cm<sup>3</sup>

pH: 7

VOC g/l: 82-83 WT%

## 9.2. Other information

Other information: May form flammable/explosive vapour-air mixture.

## 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: The vapours may also form explosive mixtures with the air.

### 10.4. Conditions to avoid

Conditions to avoid: Heat. Sources of ignition. Flames. Light.

### 10.5. Incompatible materials

Materials to avoid: No data available.

### 10.6. Hazardous decomposition products

Haz. decomp. products: No dangerous decomposition products during appropriate storage and handling.

## Section 11: Toxicological information

### 11.1. Information on toxicological effects

Hazardous ingredients:

#### TETRAETHYL SILICATE

IPR	MUS	LDLO	830	mg/kg
ORL	RAT	LD50	6270	mg/kg

#### TOLUENE

IVN	RAT	LD50	1960	mg/kg
ORL	MUS	LD50	2	gm/kg
ORL	RAT	LD50	6900	mg/kg

Relevant hazards for product:

Hazard	Route	Basis
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Skin corrosion/irritation	DRM	Hazardous: calculated
Serious eye damage/irritation	OPT	Hazardous: calculated
Reproductive toxicity	--	Hazardous: calculated
STOT-single exposure	-	Hazardous: calculated
Aspiration hazard	-	Hazardous: calculated

## Symptoms / routes of exposure

**Skin contact:** Contact causes skin irritation.

**Eye contact:** There may be irritation and redness. The eyes may water profusely. Causes severe eye damage.

**Ingestion:** There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur. There may be vomiting. Reduced foetal weight, increase in foetal deaths, skeletal malformations.

**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing. Nausea and stomach pain may occur. There may be vomiting. Reduced foetal weight, increase in foetal deaths, skeletal malformations. Headache, drowsiness/fatigue, dizziness/vertigo, unconsciousness.

**Other information:** When used and handled according to specifications, the product does not have any harmful effect according to our experience and knowledge.

## Section 12: Ecological information

### 12.1. Toxicity

**Ecotoxicity values:** No data available.

### 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:** No data available.

## Section 13: Disposal considerations

### 13.1. Waste treatment methods

**Disposal operations:** Uncured product: Special waste.

Cured product: Household garbage or trade garbage - observe local regulations. Non-

[cont...]

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contaminated packages may be recycled. Handle contaminated packages in the same way as the substance itself.

**Recovery operations:** Disposal must be made according to official regulations.

**Waste code number:** 04 04 09

**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal. Please note: The classification of waste for this product may change according to the fields of its application. Please observe Directive 2001/118/EC.

## Section 14: Transport information

### 14.1. UN number

**UN number:** UN1993

### 14.2. UN proper shipping name

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

### 14.3. Transport hazard class(es)

**Transport class:** 3

### 14.4. Packing group

**Packing group:** II

### 14.5. Environmental hazards

**Environmentally hazardous:** Yes

**Marine pollutant:** No

### 14.6. Special precautions for user

**Special precautions:** No special precautions.

**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:** Observe in addition any national regulations! Please consider possible restrictions of occupation after maternity protection guideline regulation or law for the protection of young workers.

### 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.

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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:** H225: Highly flammable liquid and vapour.  
H226: Flammable liquid and vapour.  
H304: May be fatal if swallowed and enters airways.  
H315: Causes skin irritation.  
H318: Causes serious eye damage.  
H319: Causes serious eye irritation.  
H332: Harmful if inhaled.  
H335: May cause respiratory irritation.  
H336: May cause drowsiness or dizziness.  
H361d: Suspected of damaging the unborn child.  
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>.  
H411: Toxic 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 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.

