

SAFETY DATA SHEET

PRIMER MSP

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Compilation date: 24-11-2014

Revision date: 13-9-2017

Revision No: 3

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

1.1. Product identifier

Product name: PRIMER MSP

Product code: 5067

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

Use of substance / mixture: Solvent borne primer

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: Flam. Liq. 2: H225; Repr. 2: H361d; Skin Irrit. 2: H315; STOT RE 2: H373; STOT SE 3: H336; Eye Irrit. 2: H319

Most important adverse effects: Highly flammable liquid and vapour. Causes skin irritation. Causes serious eye irritation. May cause drowsiness or dizziness. Suspected of damaging the unborn child. May cause damage to organs through prolonged or repeated exposure.

2.2. Label elements

Label elements:

Hazard statements: H225: Highly flammable liquid and vapour.

H315: Causes skin irritation.

H319: Causes serious eye irritation.

H336: May cause drowsiness or dizziness.

H361d: Suspected of damaging the unborn child.

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

Hazard pictograms: GHS02: Flame

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GHS07: Exclamation mark

GHS08: Health hazard



Signal words: Danger

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

P260: Do not breathe dust/fumes/gas/mist/vapours/spray.

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

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

P302+352: IF ON SKIN: Wash with plenty of water/.

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

P403: Store in a well-ventilated place.

P235: Keep cool.

P501: Dispose of contents/container to hazardous or special waste collection point.

2.3. Other hazards

Other hazards: In case of insufficient ventilation and/or through use, explosive/highly flammable mixtures may develop.

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

Section 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients:

TOLUENE

EINECS	CAS	PBT / WEL	CLP Classification	Percent
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	75.000%

BUTAN-1-OL

200-751-6	71-36-3	-	Flam. Liq. 3: H226; Acute Tox. 4: H302; STOT SE 3: H335; Skin Irrit. 2: H315; Eye Dam. 1: H318; STOT SE 3: H336	4.000%
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N-BUTYL METHACRYLATE

202-615-1	97-88-1	-	Flam. Liq. 3: H226; Eye Irrit. 2: H319; STOT SE 3: H335; Skin Irrit. 2: H315; Skin Sens. 1: H317	1.000%
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METHYL METHACRYLATE

201-297-1	80-62-6	-	Flam. Liq. 2: H225; STOT SE 3: H335; Skin Irrit. 2: H315; Skin Sens. 1: H317	1.000%
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METHANOL

200-659-6	67-56-1	-	Flam. Liq. 2: H225; Acute Tox. 3: H331; Acute Tox. 3: H311; Acute Tox. 3: H301; STOT SE 1: H370	1.000%
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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. 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: Wash out mouth with water. Do not induce vomiting. After swallowing rinse the mouth with plenty of water (only if the person is conscious) and obtain immediate medical attention.

Inhalation: Provide fresh air. Keep victim warm and quiet. In case of complaints consult doctor.

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

Skin contact: Category 2- causes skin irritation. Contains N-Butyl Methacrylate; methyl methacrylate.
May produce an allergic reaction.

Eye contact: Causes serious eye irritation.

Ingestion: There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

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. Carbon dioxide.
Alcohol resistant foam. Water spray. Extinguishing powder. Do not use water jet.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: May form flammable vapour-air mixture. In combustion emits toxic fumes of carbon monoxide. In combustion emits toxic fumes of carbon dioxide.

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5.3. Advice for fire-fighters

Advice for fire-fighters: Don not allow run-off from fire-fighting to enter drains or water courses. 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: Eliminate all sources of ignition. 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 discharge into drains or rivers. Do not allow to enter into soil/subsoil. Contain the spillage using bunding.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Clean up with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Treat the recovered material as prescribed in the section on wast disposal.

6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS. May form explosive vapour-air mixtures. Provide adequate ventilation.

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Use only in well-ventilated areas. Keep ignition sources away. Smoking is forbidden. Protect against electrostatic charges.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep container tightly closed. Do not store together with food. Storage class (TRGS 510): 3

7.3. Specific end use(s)

Specific end use(s): Solvent borne primer-Observe technical data sheet.

Section 8: Exposure controls/personal protection

8.1. Control parameters

Hazardous ingredients:

[cont...]

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TOLUENE

Workplace exposure limits:

Respirable dust

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	191 mg/m ³	384 mg/m ³	-	-

BUTAN-1-OL

UK	-	154 mg/m ³	-	-
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METHYL METHACRYLATE

UK	50 ppm	100 ppm	-	-
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METHANOL

UK	266 mg/m ³	333 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. 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. Self-contained breathing apparatus must be available in case of emergency.

Hand protection: 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). The exact breakthrough time of the glove material must be sought and enforced by the manufacturer of the safety gloves. Appropriate gloves are available e.g. from Mapa-Professional (F-92205 Neuilly sur Seine - France): STANZOIL® (CR - 0.85mm) - ULTRIL® 377 (NBR - 1.3mm) - CHEM-PLY® (0.75mm). Most suitable are gloves made from laminates with multi layers.

Eye protection: Safety glasses with side-shields. EN 166. 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: Colourless

Odour: Aromatic

Solubility in water: Insoluble

Viscosity: 21 cSt

Boiling point/range°C: 111

Flammability limits %: lower: 1.2

upper: 7

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Autoflammability°C: 420

Flash point°C: 8

Relative density: 0.95 g/cm³

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: 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: Only use material in places where open light, fire and other sources of ignition can be kept away.

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:

TOLUENE

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

BUTAN-1-OL

IVN	RAT	LD50	310	mg/kg
ORL	MUS	LD50	2680	mg/kg
ORL	RAT	LD50	790	mg/kg

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N-BUTYL METHACRYLATE

IPR	RAT	LD50	2304	mg/kg
ORL	MUS	LD50	12900	mg/kg
ORL	RAT	LD50	16	gm/kg

METHYL METHACRYLATE

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

METHANOL

IVN	RAT	LD50	2131	mg/kg
ORL	MUS	LD50	7300	mg/kg
ORL	RAT	LD50	5628	mg/kg

Relevant hazards for product:

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

Symptoms / routes of exposure

Skin contact: Category 2- causes skin irritation. Contains N-Butyl Methacrylate; methyl methacrylate.
May produce an allergic reaction.

Eye contact: Causes serious eye irritation.

Ingestion: There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

Other information: Repeated exposure: Category 2 - May cause damage to organs through prolonged or repeated exposure.

Section 12: Ecological information

12.1. Toxicity

Ecotoxicity values: No data available.

12.2. Persistence and degradability

Persistence and degradability: No data available.

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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

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-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: 08 04 09

Disposal of packaging: Uncontaminated packaging can be recycled.

NB: Please note: The classification of waste for this product may change according to the fields of its application. Please observe Directive 2001/118/EC. 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: 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: No

Marine pollutant: No

14.6. Special precautions for user

Special precautions: No special precautions.

Tunnel code: D/E

Transport category: 2

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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: H225: Highly flammable liquid and vapour.
H226: Flammable liquid and vapour.
H301: Toxic if swallowed.
H302: Harmful if swallowed.
H304: May be fatal if swallowed and enters airways.
H311: Toxic in contact with skin.
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.
H336: May cause drowsiness or dizziness.
H361d: Suspected of damaging the unborn child.
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>.

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.

