PRO PART
Professional Partners

SAFETY DATA SHEET

TOP COAT

Compilation date: 15-12-2017

Revision No: 1

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

1.1. Product identifier

Product name: TOP COAT

Product code: 5901-01

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

Use of substance / mixture: PC9a: Coatings and paints, thinners, paint removers.

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. Aerosol 1: H222; Skin Irrit. 2: H315; Eye Irrit. 2: H319; STOT SE 3: H336; Aquatic Chronic 3: H412; -: H229; -: EUH066

Most important adverse effects: Extremely flammable aerosol. Pressurised container: May burst if heated. Causes skin irritation. Causes serious eye irritation. May cause drowsiness or dizziness. Harmful to aquatic life with long lasting effects. Repeated exposure may cause skin dryness or cracking.

2.2. Label elements

Label elements:

Hazard statements: H222: Extremely flammable aerosol.
H229: Pressurised container: May burst if heated
H315: Causes skin irritation.
H319: Causes serious eye irritation.
H336: May cause drowsiness or dizziness.
H412: Harmful to aquatic life with long lasting effects.
EUH066: Repeated exposure may cause skin dryness or cracking.

[cont...]

Signal words: Danger

Hazard pictograms: GHS02: Flame

GHS07: Exclamation mark

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

P211: Do not spray on an open flame or other ignition source.

P251: Do not pierce or burn, even after use.

P261: Avoid breathing dust/fumes/gas/mist/vapours/spray.

P264: Wash hands thoroughly after handling.

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

P273: Avoid release to the environment.

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

P304+340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

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

P314: Get medical advice/attention if you feel unwell.

P332+313: If skin irritation occurs: Get medical advice/attention.

P337+313: If eye irritation persists: Get medical advice/attention.

P362+364: Take off contaminated clothing and wash it before reuse.

P410+412: Protect from sunlight. Do not expose to temperatures exceeding 50 ºC.

P402+404: Store in a dry place. Store in a closed container.

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

P102: Keep out of reach of children.

P103: Read label before use.

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:

ACETONE

EINECS	CAS	PBT / WEL	CLP Classification	Percent

[cont...]

200-662-2	67-64-1	-	Flam. Liq. 2: H225; Eye Irrit. 2: H319; STOT SE 3: H336; -: EUH066	16.250%

DIMETHYL ETHER

204-065-8	115-10-6	Substance with a Community workplace exposure limit.	Flam. Gas 1: H220; Press. Gas: H280	16.250%

XYLENE

215-535-7	1330-20-7	-	Flam. Liq. 3: H226; Acute Tox. 4: H332; Acute Tox. 4: H312; Skin Irrit. 2: H315	7.500%

ETHYL METHYL KETONE

201-159-0	78-93-3	-	Flam. Liq. 2: H225; Eye Irrit. 2: H319; STOT SE 3: H336; -: EUH066	7.500%

2-METHOXY-1-METHYLETHYL ACETATE

203-603-9	108-65-6	Substance with a Community workplace exposure limit.	Flam. Liq. 3: H226	7.500%

ETHYL ACETATE

205-500-4	141-78-6	-	Flam. Liq. 2: H225; Eye Irrit. 2: H319; STOT SE 3: H336; -: EUH066	3.750%

N-BUTYL ACETATE

204-658-1	123-86-4	-	Flam. Liq. 3: H226; STOT SE 3: H336; -: EUH066	3.750%

LOW BOILING POINT NAPHTHA - UNSPECIFIED - SOLVENT NAPHTHA (PETROLEUM), LIGHT AROM.

265-199-0	64742-95-6	-	Asp. Tox. 1: H304; Flam. Liq. 3: H226; STOT SE 3: H335; Aquatic Chronic 2: H411	3.750%

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	3.750%

PROPAN-2-OL

200-661-7	67-63-0	-	Flam. Liq. 2: H225; Eye Irrit. 2: H319; STOT SE 3: H336	1.750%

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. Do not use solvents or thinners.

Eye contact: Bathe the eye with running water for 15 minutes. Remove contact lenses. Call a poison control center or doctor immediately.

Ingestion: Wash out mouth with water. Never give anything by mouth to an unconscious person. Do not induce vomiting. Call a doctor immediately.

[cont...]

Inhalation: Move to fresh air in case of accidental inhalation of vapours. If breathing becomes bubbly, have the casualty sit and provide oxygen if available. Consult a doctor.

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

Skin contact: There may be irritation and redness at the site of contact. Absorption through the skin may occur causing symptoms similar to those of inhalation.

Eye contact: There may be irritation and redness. May cause permanent damage.

Inhalation: Headache, dizziness, fatigue, muscle weakness, drowsiness, in serious cases: unconsciousness. Damage to liver and kidneys may develop later.

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

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. Alcohol resistant foam. Carbon dioxide. Dry chemical powder. Water fog. Do not use water jet.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: Occurs during fire thick, black smoke. Exposure to decomposition products may cause a health hazard.

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 extinguishingwater 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: Mark out the contaminated area with signs and prevent access to unauthorised personnel. Eliminate all sources of ignition. Let air in the affected area. Do not breathe vapor.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Notify authorities if product enters sewers or public waters.

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.

[cont...]

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. Smoking is forbidden. Earth any equipment used in handling.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep away from sources of ignition. Keep container tightly closed. Keep away from direct sunlight. Prevent the build up of electrostatic charge in the immediate area. Ensure lighting and electrical equipment are not a source of ignition. Store between the following temperatures: 15°C and 30°C.

7.3. Specific end use(s)

Section 8: Exposure controls/personal protection

8.1. Control parameters

Hazardous ingredients:

ACETONE

Workplace exposure limits: **Respirable dust**

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	1210 mg/m3	3620 mg/m3	-	-

DIMETHYL ETHER

UK	766 mg/m3	958 mg/m3	-	-

XYLENE

UK	220 mg/m3	441 mg/m3	-	-

ETHYL METHYL KETONE

UK	600 mg/m3	899 mg/m3	-	-

2-METHOXY-1-METHYLETHYL ACETATE

UK	274 mg/m3	548 mg/m3	-	-

ETHYL ACETATE

UK	200 ppm	400 ppm	-	-

N-BUTYL ACETATE

UK	724 mg/m3	966 mg/m3	-	-

BUTAN-1-OL

UK	-	154 mg/m3	-	-

[cont...]

PROPAN-2-OL

UK	999 mg/m3	1250 mg/m3	-	-

DNEL/PNEC Values

COLOUR SPRAY FINISH

Type	Exposure	Value	Population	Effect
-	CAS 108-65-6	-	-	-
DNEL	Dermal	153,5 mg/kg	Workers	Systemic
DNEL	Inhalation	275 mg/m3	Workers	Systemic
DNEL	Oral	1,67 mg/kg	Consumers	-
DNEL	Dermal	54,8 mg/kg	Consumers	Systemic
DNEL	Inhalation	33 mg/m3	Consumers	Systemic
PNEC	Fresh water	0,635 mg/l	-	-
PNEC	Marine water	0,0635 mg/l	-	-
PNEC	Fresh water sediments	0,329 mg/kg	-	-
PNEC	Soil	0,29 mg/kg	-	-
-	CAS 123-86-4	-	-	-
DNEL	Dermal	7 mg/kg	Workers	Systemic
DNEL	Inhalation	48 mg/m3	Workers	Systemic
DNEL	Oral	3,4 mg/kg lg/dag	Consumers	-
DNEL	Dermal	3,4 mg/kg lg/dag	Consumers	Systemic
DNEL	Inhalation	12 mg/m3	Consumers	Systemic
PNEC	Fresh water	0,18 mg/l	-	-
PNEC	Marine water	0,018 mg/l	-	-
PNEC	Fresh water sediments	0,981 mg/kg	-	-
PNEC	Marine sediments	0,0981 mg/kg	-	-
PNEC	Soil	0,0903 mg/kg	-	-
-	CAS 1330-20-7	-	-	-
DNEL	Dermal	180 mg/kg	Workers	Systemic
DNEL	Inhalation	289 mg/m3	Workers	Local
DNEL	Inhalation	77 mg/m3	Workers	Systemic
DNEL	Oral	1,6 mg/kg	Consumers	-
PNEC	Fresh water	0,327 mg/l	-	-
PNEC	Marine water	0,327 mg/l	-	-
PNEC	Fresh water sediments	12,46 mg/kg	-	-
PNEC	Marine sediments	12,46 mg/kg	-	-

8.2. Exposure controls

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

Respiratory protection: If workers are exposed to concentrations above the exposure limit, they must be use appropriate, certified respirators.

[cont...]

Hand protection: Barrier creams may help to protect the exposed areas of the skin but should not be applied once exposed has occurred.

Eye protection: Tightly fitting safety goggles.

Skin protection: Protective clothing.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid

Colour: According to product specification.

Odour: Characteristic odour

Solubility in water: Partially soluble.

Viscosity: 10 s 4 mm

Flammability limits %: lower: 0,6 **upper:** 32,0

Vapour pressure: 1732,82 mbar **VOC g/l:** 665 g/l

9.2. Other information

Other information: Ignition temperature: 240°C. Density: 0,75 g/cm3 (20°C). Solids content: 11,80 Gew-%. Solvent conten: organic solvent: 88 Gew-%.

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

10.5. Incompatible materials

Materials to avoid: Strong acids. Strong bases. Strong oxidising agents.

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes of carbon dioxide / carbon monoxide. In combustion emits toxic fumes of nitrogen oxides. Smoke.

Section 11: Toxicological information

11.1. Information on toxicological effects

[cont...]

Hazardous ingredients:

ACETONE

IVN	RAT	LD50	5500	mg/kg
ORL	MUS	LD50	3000	mg/kg
ORL	RAT	LD50	5800	mg/kg

XYLENE

ORL	MUS	LD50	2119	mg/kg
ORL	RAT	LD50	4300	mg/kg
SCU	RAT	LD50	1700	mg/kg

2-METHOXY-1-METHYLETHYL ACETATE

IPR	MUS	LD50	750	mg/kg
ORL	RAT	LD50	8532	mg/kg

ETHYL ACETATE

ORL	MUS	LD50	4100	mg/kg
ORL	RAT	LD50	5620	mg/kg
SCU	RAT	LDLO	5	gm/kg

N-BUTYL ACETATE

ORL	MUS	LD50	6	gm/kg
ORL	RAT	LD50	10768	mg/kg

LOW BOILING POINT NAPHTHA - UNSPECIFIED - SOLVENT NAPHTHA (PETROLEUM), LIGHT AROM.

ORL	RAT	LD50	8400	mg/kg

BUTAN-1-OL

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

PROPAN-2-OL

IVN	RAT	LD50	1088	mg/kg
ORL	MUS	LD50	3600	mg/kg
ORL	RAT	LD50	5045	mg/kg
SCU	MUS	LDLO	6	gm/kg

[cont...]

Relevant hazards for substance:

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

Symptoms / routes of exposure

Skin contact: There may be irritation and redness at the site of contact. Absorption through the skin may occur causing symptoms similar to those of inhalation.

Eye contact: There may be irritation and redness. May cause permanent damage.

Inhalation: Headache, dizziness, fatigue, muscle weakness, drowsiness, in serious cases: unconsciousness. Damage to liver and kidneys may develop later.

Section 12: Ecological information

12.1. Toxicity

Ecotoxicity values:

Species	Test	Value	Units
CAS 108-65-6	-	-	-
RAINBOW TROUT (Oncorhynchus mykiss)	96H LC50	134	mg/l
Daphnia magna	48H EC50	>500	mg/l
GREEN ALGA (Selenastrum capricornutum)	ErC50	>0	mg/l
CAS 123-86-4	-	-	-
FISH	96H LC50	18	mg/l
DAPHNIA	48H EC50	44	mg/l
ALGAE	ErC50	647,7	mg/l
ALGAE	NOEC	200	-

Hazardous ingredients:

ACETONE

BLUEGILL (Lepomis macrochirus)	LC50	8300	mg/l

12.2. Persistence and degradability

Persistence and degradability: Only slightly biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: n-butylacetaat: distribution coefficient n-octanol / water: Method: OECD 117. Aceton: distribution coefficient n-octanol / water: -024.

12.4. Mobility in soil

Mobility: No data available.

[cont...]

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: Transfer to a suitable container and arrange for collection by specialised disposal company. Do not discharge into sewers or drains.

Waste code number: 15 01 10

Disposal of packaging: Uncontaminated packaging can 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: UN1950

14.2. UN proper shipping name

Shipping name: AEROSOLS

14.3. Transport hazard class(es)

Transport class: 2

14.4. Packing group

14.5. Environmental hazards

Environmentally hazardous: No **Marine pollutant:** No

14.6. Special precautions for user

Special precautions: EMS number:F-D,S-U.

Tunnel code: D

Transport category: 2

Section 15: Regulatory information

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

15.2. Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment has been carried out for the substance or the mixture by the supplier.

Section 16: Other information

[cont...]

Other information

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

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

Phrases used in s.2 and s.3: EUH066: Repeated exposure may cause skin dryness or cracking.

H220: Extremely flammable gas.

H222: Extremely flammable aerosol.

H225: Highly flammable liquid and vapour.

H226: Flammable liquid and vapour.

H229: Pressurised container: May burst if heated

H302: Harmful if swallowed.

H304: May be fatal if swallowed and enters airways.

H312: Harmful in contact with skin.

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.

H411: 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 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.