



ProSolve™ Clear Lacquer Paint Spray (500ml)

Safety Data Sheet

According to Regulation (EU) No 830/2015 and Regulation (EC) No 1272/2008

Date Revised: 08/08/2022 Version: 1.1

1- IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

Product details:

Trade name: ProSolve Clear Lacquer Paint Spray

Product code: CL5A

Article number: N/A

Relevant identified uses of the substance or mixture and uses advised against:
No further relevant information available.

Sector of Use:

SU21 Consumer uses: Private households / general public / consumers

SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

Product category: PC9a Coatings and paints, thinners, paint removers

Process category

PROC7 Industrial spraying

PROC11 Non industrial spraying

Intended use: Providing a protective layer on various surfaces / Automotive industry.

Supplier:

Company Name: ProSolve

Company Address: Sandall Stones Road, Kirk Sandall Industrial Estate, Doncaster, South Yorkshire, DN3 1QR

Tel: +44 (0) 1302 310 113

E-mail: enquiries@prosolveproducts.com

Web: www.prosolveproducts.com

EU Details:

Address: Portfolio House, Kilbarrack Parage, Dublin D05 TF86

Phone: 003531 9120925

Emergency Telephone Number

National Health Service (NHS)

NHS England or Scotland: 111

NHS Wales: 0300 0604400

Northern Ireland: Call your local GP

For life-threatening emergencies, call 999 for an ambulance.

2 – HAZARDS IDENTIFICATION

Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008
GHS02 flame

Aerosol 1 H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated.
GHS07

Eye Irrit. 2 H319 Causes serious eye irritation.
STOT SE 3 H336 May cause drowsiness or dizziness.

Label elements

Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the CLP regulation.
Hazard pictograms

GHS02 GHS07

Signal word: Danger

Hazard-determining components of labelling:
acetone
ethyl acetate
n-butyl acetate
butan-1-ol

Hazard statements

H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated.
H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness

Precautionary statements

P102 Keep out of reach of children.
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.
P260 Do not breathe spray.
P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
P501 Dispose of contents / container in accordance with regional regulations.

Additional information:

EUH066 Repeated exposure may cause skin dryness or cracking.

Other hazards

Results of PBT and vPvB assessment
PBT: Not applicable.

vPvB: Not applicable.

3– COMPOSITION/INFORMATION ON INGREDIENTS

Chemical characterization: Mixtures

Description: Mixture of substances listed below with nonhazardous additions.

Dangerous components:		
CAS: 67-64-1 EINECS: 200-662-2 Index number: 606-001-00-8	acetone	20- <25%
	Flam. Liq. 2, H225 Eye Irrit. 2, H319; STOT SE 3, H336	
CAS: 115-10-6	dimethyl ether	20- <25%

EINECS: 204-065-8 Index number: 603-019-00-8	Flam. Gas 1, H220 Press. Gas C, H280	
CAS: 74-98-6 EINECS: 200-827-9 Index number: 601-003-00-5	propane	5-<10%
	Flam. Gas 1, H220 Press. Gas C, H280	
CAS: 108-65-6 EINECS: 203-603-9 Index number: 607-195-00-7	2-methoxy-1-methylethyl acetate	5-<10%
	Flam. Liq. 3, H226	
CAS: 141-78-6 EINECS: 205-500-4 Index number: 607-022-00-5	ethyl acetate	5-<10%
	Flam. Liq. 2, H225 Eye Irrit. 2, H319; STOT SE 3, H336	
CAS: 123-86-4 EINECS: 204-658-1 Index number: 607-025-00-1	n-butyl acetate	2.5-<5%
	Flam. Liq. 3, H226 STOT SE 3, H336	
CAS: 9004-70-0	cellulose nitrate	2.5-<5%
	Flam. Sol. 1, H228	
CAS: 71-36-3 EINECS: 200-751-6 Index number: 603-004-00-6	butan-1-ol	<2.5%
	Acute Tox. 4, H302; Skin Irrit. 2, H315; STOT SE 3, H335-H336 Flam. Liq. 3, H226 Eye Dam. 1, H318	
CAS: 78-93-3	butanone	<2.5%

EINECS: 201-159-0
Index number: 606-002-00-3

Flam. Liq. 2, H225
Eye Irrit. 2, H319; STOT SE 3, H336

Additional information:

Note C (Regulation (EC) no. 1272/2008) applies to the component Xylene (mixture) CAS: 1330-20-7.

For the wording of the listed hazard phrases refer to section 16.

4– FIRST - AID MEASURE

Description of first aid measures

After inhalation: Supply fresh air; consult doctor in case of complaints.

After skin contact: Generally the product does not irritate the skin.

After eye contact:

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

After swallowing: Drink plenty of water and provide fresh air. Call for a doctor immediately.

Most important symptoms and effects, both acute and delayed No further relevant information available.

Indication of any immediate medical attention and special treatment needed
No further relevant information available.

5– FIRE - FIGHTING MEASURE

Extinguishing media

Suitable extinguishing agents:

CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

For safety reasons unsuitable extinguishing agents: Water with full jet

Special hazards arising from the substance or mixture

During heating or in case of fire poisonous gases are produced.

Advice for firefighters -

Protective equipment: Mouth respiratory protective device.

6– ACCIDENTAL RELEASE MEASURE

Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation
Keep away from ignition sources.
Mount respiratory protective device.
Wear protective equipment.
Keep unprotected persons away.

Environmental precautions: Do not allow to enter sewers/ surface or ground water.

Methods and material for containment and cleaning up:
Dispose contaminated material as waste according to item 13.
Ensure adequate ventilation.

Reference to other sections:
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

7- HANDLING AND STORAGE

Precautions for safe handling Ensure good ventilation/exhaustion at the workplace.
Information about fire - and explosion protection:
Do not spray onto a naked flame or any incandescent material.
Keep ignition sources away - Do not smoke.
Keep respiratory protective device available.
Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50°C, i.e. electric lights. Do not pierce or burn, even after use.

Conditions for safe storage, including any incompatibilities
Storage:

Requirements to be met by storerooms and receptacles:
Observe official regulations on storing packagings with pressurised containers.

Information about storage in one common storage facility: Not required.

Further information about storage conditions: Keep container tightly sealed.

Storage class: 2 B

Specific end use(s) No further relevant information available.

8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

Additional information about design of technical facilities: No further data; see item 7.
Control parameters

Ingredients with limit values that require monitoring at the workplace:
67-64-1 acetone

WEL	Short-term value: 3620 mg/m ³ , 1500 ppm Long-term value: 1210 mg/m ³ , 500 ppm
115-10-6 dimethyl ether	
WEL	Short-term value: 958 mg/m ³ , 500 ppm Long-term value: 766 mg/m ³ , 400 ppm
108-65-6 2-methoxy-1-methylethyl acetate	
WEL	Short-term value: 548 mg/m ³ , 100 ppm Long-term value: 274 mg/m ³ , 50 ppm Sk
141-78-6 ethyl acetate	
WEL	Short-term value: 400 ppm Long-term value: 200 ppm
123-86-4 n-butyl acetate	
WEL	Short-term value: 966 mg/m ³ , 200 ppm Long-term value: 724 mg/m ³ , 150 ppm
71-36-3 butan-1-ol	
WEL	Short-term value: 154 mg/m ³ , 50 ppm Sk
78-93-3 butanone	
WEL	Short-term value: 899 mg/m ³ , 300 ppm Long-term value: 600 mg/m ³ , 200 ppm Sk, BMGV
Ingredients with biological limit values:	
78-93-3 butanone	
BMGV	70 µmol/L Medium: urine Sampling time: post shift Parameter: butan-2-one

Additional information: The lists valid during the making were used as basis.
Exposure controls

Personal protective equipment:

General protective and hygienic measures:

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work.

Do not inhale gases / fumes / aerosols.
Avoid contact with the eyes and skin.
Avoid contact with the eyes.

Respiratory protection:

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

Protection of hands:

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.

Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of

several substances, the resistance of the glove material can not be calculated in advance and has

therefore to be checked prior to the application.

Penetration time of glove material

Butyl rubber gloves with a thickness of 0.4 mm are resistant to:

Acetone: 480 min

Butyl acetate: 60 min

Ethyl acetate: 170 min

Xylene: 42 min

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye protection: Tightly sealed goggles

9 – PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

General Information

Appearance:

Form: Aerosol

Colour: Different according to colouring

Odour: Solvent-like

Odour threshold: Not determined.

pH-value:	Not determined.
Change in condition	
Melting point/freezing point:	<i>Undetermined.</i>
Initial boiling point and boiling range:	<i>Not applicable, as aerosol.</i>
Flash point:	<0 °C (<32 °F) <i>Not applicable, as aerosol.</i>
Flammability (solid, gas):	<i>Not applicable.</i>
Ignition temperature:	240 °C (464 °F)
Decomposition temperature:	<i>Not determined.</i>
Auto-ignition temperature:	<i>Product is not selfigniting.</i>
Danger of explosion:	<i>Product is not explosive. However, formation of explosive air/ vapour mixtures are possible.</i>
Explosion limits:	
Lower:	2.6 Vol %
Upper:	26.2 Vol %
Vapour pressure at 20 °C (68 °F):	4,000 hPa (3,000.2 mm Hg)
Density at 20 °C (68 °F): Relative density Vapour density Evaporation rate	0.74 g/cm ³ (6.18 lbs/gal) <i>Not determined.</i> <i>Not determined. Not applicable.</i>
Solubility in / Miscibility with water:	<i>Not miscible or difficult to mix.</i>
Partition coefficient: n-octanol/water:	<i>Not determined.</i>
Viscosity:	
Dynamic:	<i>Not determined.</i>
Kinematic:	<i>Not determined.</i>
Solvent content:	
Organic solvents:	92.2 %
EU-VOC:	696.9 g/l
EU-VOC in %:	91.38 %
VOC- (EC)	---
	682.2 g/l
VOC-EU%	92.20 %
Solids content:	7.7 %
Other information	<i>No further relevant information available.</i>

10- STABILITY AND REACTIVITY

Reactivity No further relevant information available.

Chemical stability

Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.

Possibility of hazardous reactions No dangerous reactions known.

Conditions to avoid No further relevant information available.

Incompatible materials: No further relevant information available.

Hazardous decomposition products: No dangerous decomposition products known.

11- TOXICOLOGICAL INFORMATION

Information on toxicological effects

Acute toxicity: Based on available data, the classification criteria are not met.

LD/LC50 values relevant for classification:		
67-64-1 acetone		
Oral	LD50	5,800 mg/kg (rat)
Dermal	LD50	>15,800 mg/kg (rabbit)
Inhalative	LC50 / 4h	76 mg/l (rat)
108-65-6 2-methoxy-1-methylethyl acetate		
Oral	LD50	8,530 mg/kg (rat)
Dermal	LD50	>5,000 mg/kg (rabbit)
Inhalative	LC50 / 4h	>10,000 mg/m ³ (rat)
123-86-4 n-butyl acetate		
Oral	LD50	10,800 mg/kg (rat)
Dermal	LD50	>17,600 mg/kg (rabbit)
Inhalative	LC50 / 4h	1.85 mg/l (rat)
71-36-3 butan-1-ol		
Oral	LD50	2,292 mg/kg (rat)
Dermal	LD50	3,430 mg/kg (rabbit)
78-93-3 butanone		
Oral	LD50	>2,193 mg/kg (rat)
Dermal	LD50	>5,000 mg/kg (rabbit)
Inhalative	LC50 / 4h	34 mg/m ³ (rat)

Primary irritant effect:

Skin corrosion/irritation Based on available data, the classification criteria are not met.

Serious eye damage/irritation

Causes serious eye irritation.

Respiratory or skin sensitisation Based on available data, the classification criteria are not met.

CMR effects (carcinogenity, mutagenicity and toxicity for reproduction)

Germ cell mutagenicity Based on available data, the classification criteria are not met.

Carcinogenicity Based on available data, the classification criteria are not met.

Reproductive toxicity Based on available data, the classification criteria are not met.

STOT-single exposure

May cause drowsiness or dizziness.

STOT-repeated exposure Based on available data, the classification criteria are not met.

Aspiration hazard Based on available data, the classification criteria are not met.

12 – ECOLOGICAL INFORMATION

Toxicity

Aquatic toxicity:	
67-64-1 acetone	
LC50/96h EC50/96h LC50 / 48 h	8,300 mg/l (fish) 7,200 mg/l (algae) 8,450 mg/l (crustacean (water flea))
115-10-6 dimethyl ether	
EC50 / 96 h LC50 / 48 h LC50 / 96 h	155 mg/l (algae) >4,000 mg/l (daphnia magna) >4,000 mg/l (fish)
108-65-6 2-methoxy-1-methylethyl acetate	
EC50 / 48 h LC50 / 96 h	>500 mg/l (daphnia magna) 100-180 mg/l (oncorhynchus mykiss / Regenbogenforelle)
123-86-4 n-butyl acetate	
LC50 / 96 h	81 mg/l (fish)
71-36-3 butan-1-ol	
LC50 / 96 h	1,376 mg/l (fish)
78-93-3 butanone	
LC50 / 48 h LC50 / 72 h LC50 / 96 h	308 mg/l (daphnia magna) 1,972 mg/l (Pseudokirchneriella Subcapitata) 2,990 mg/l (fish)

Persistence and degradability No further relevant information available.

Bioaccumulative potential No further relevant information available.

Mobility in soil No further relevant information available.

Additional ecological information:

General notes:

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water
Do not allow undiluted product or large quantities of it to reach ground water, water course
or sewage system.

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

Other adverse effects No further relevant information available.

13- DISPOSAL CONSIDERATION

Waste treatment methods

Recommendation

Must not be disposed together with household garbage. Do not allow product to reach sewage

System

European waste catalogue	
08 01 11*	waste paint and varnish containing organic solvents or other hazardous substances
15 01 04	metallic packaging

Uncleaned packaging:

Recommendation: Non contaminated packagings may be recycled.

14- TRANSPORT INFORMATION

UN-Number

ADR, IMDG, IATA

UN1950

UN proper shipping name

ADR

1950 AEROSOLS

IMDG

AEROSOLS

IATA

AEROSOLS, flammable

Transport hazard class(es)

ADR



Class

2 5F Gases.

Label

2.1

IMDG, IATA



Class

2.1

Label

2.1

Packing group

ADR, IMDG, IATA

not regulated

Environmental hazards:

Not applicable.

Special precautions for user Warning: Gases.

Danger code (Kemler): -

EMS Number: F-D,S-U

Stowage Code SW1 Protected from sources of heat.
SW22 For AEROSOLS with a maximum capacity of 1 litre:
Category A. For AEROSOLS with a capacity above 1 litre:
Category B. For WASTE AEROSOLS: Category C, Clear of
living quarters.

Segregation Code SG69 For AEROSOLS with a maximum capacity of 1 litre:
Segregation as for class 9. Stow "separated from" class 1
except for division 1.4. For AEROSOLS with a capacity
above 1 litre: Segregation as for the appropriate
subdivision of class 2. For WASTE AEROSOLS:
Segregation as for the appropriate subdivision of class 2.

Transport in bulk according to Annex II of
Marpol and the IBC Code Not applicable.

Transport/Additional information:

ADR

Limited quantities (LQ) 1L

Excepted quantities (EQ) Code: E0
Not permitted as Excepted Quantity

Transport category 2

Tunnel restriction code D

IMDG

Limited quantities (LQ) 1L

Excepted quantities (EQ) Code: E0
Not permitted as Excepted Quantity
Code: E0
Not permitted as Excepted Quantity
UN 1950 AEROSOLS, 2.1

15 – REGULATORY INFORMATION

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

Directive 2012/18/EU

Named dangerous substances - ANNEX I None of the ingredients is listed.

Seveso category P3a FLAMMABLE AEROSOLS

REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 3, 40

National regulations:

Other regulations, limitations and prohibitive regulations

Substances of very high concern (SVHC) according to REACH, Article 57

None of the ingredients is listed.

Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

16-OTHER INFORMATION

Relevant phrases

- H220 Extremely flammable gas.
- H225 Highly flammable liquid and vapour.
- H226 Flammable liquid and vapour.
- H228 Flammable solid.
- H280 Contains gas under pressure; may explode 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.
- H373 May cause damage to organs through prolonged or repeated exposure.
- 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. Please note that due to the on-going change in regulation from CHIP to CLP, any MSDS information in this MSDS is only considered accurate at the time of its creation. During this time classifications of substances may change. Therefore it is possible that can art work and MSDS information may differ. As such if you have any concerns we recommend you request a new MSDS from us every 6-12 months.