

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878 Issue date: 07/07/2020 Revision date: 07/02/2023 Supersedes version of: 24/11/2022 Version: 13.2

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

1.1. Product identifier

Product form	: Mixture
Trade name	: PRECISION SILICONE Spray
UFI	: GV00-X0KF-2009-0STU
Vaporizer	: Aerosol

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

1.2.1. Relevant identified uses

Main use category	: Industrial use, Professional use
Industrial/Professional use spec	: Industrial
	For professional use only
Use of the substance/mixture	: Lubricants, Greases and Release Products

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Manufacturer

ROCOL a division of ITW Ltd
Rocol House Wakefield Rd, Swillington
LS26 8BS Leeds – West Yorkshire
United Kingdom
T +44 (0)113 232 2600
customer.service@rocol.com - www.rocol.com

1.4. Emergency telephone number

Emergency number

: +44 (0)113 232 2600

Country	Organisation/Company	Address	Emergency number	Comment
United Kingdom	National Poisons Information Service (Birmingham Centre) City Hospital	Dudley Road B18 7QH	0344 892 0111	Only for healthcare professionals

H222;H229 H315 H412

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Aerosol, Category 1
Skin corrosion/irritation, Category 2
Hazardous to the aquatic environment – Chronic Hazard, Category 3
Full text of H- and EUH-statements: see section 16

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP)



Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

	GHS02 GHS07		
Signal word (CLP)	: Danger		
Hazard statements (CLP)	: H222 - Extremely flammable aerosol.		
	H229 - Pressurised container: May burst if heated.		
	H315 - Causes skin irritation.		
	H412 - Harmful to aquatic life with long lasting effects.		
Precautionary statements (CLP)	: P410+P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.		
	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.		
	P271 - Use only outdoors or in a well-ventilated area.		
	P280 - Wear protective gloves/protective clothing/eye protection/face protection/hearing		
	protection.		
	P302+P352 - IF ON SKIN: Wash with plenty of water.		

2.3. Other hazards

Contains no PBT/vPvB substances ≥ 0.1% assessed in accordance with REACH Annex XIII

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

Component	
HYDROCARBON AEROSOL PROPELLANT (<0.1% 1,3-BUTADIENE)(68476-85-7)	The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
HYDROCARBON AEROSOL PROPELLANT (<0.1% 1,3-BUTADIENE) substance with national workplace exposure limit(s) (GB)	CAS-No.: 68476-85-7 EC-No.: 270-704-2	≥ 70	Flam. Gas 1, H220 Press. Gas (Liq.), H280 Flam. Liq. 1, H224 Muta. Not classified Carc. Not classified
HEPTANE & ISOMERS	CAS-No.: 64742-49-0 EC-No.: 927-510-4 REACH-no: 01-2119475515- 33	15 – 30	Flam. Liq. 2, H225 Skin Irrit. 2, H315 STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Chronic 2, H411

Product subject to CLP Article 1.1.3.7. The disclosure rules of the components is modified in this case. Full text of H- and EUH-statements: see section 16

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

SECTION 4: First aid measures	
4.1. Description of first aid measures	
First-aid measures general	: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice.
First-aid measures after inhalation	: Allow affected person to breathe fresh air. Allow the victim to rest.
First-aid measures after skin contact	: Wash with plenty of water/ Wash contaminated clothing before reuse. If skin irritation occurs: Get medical advice/attention.
First-aid measures after eye contact	: Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persists.
First-aid measures after ingestion	: Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.
4.2. Most important symptoms and ef	fects, both acute and delayed
Symptoms/effects after skin contact	: Causes skin irritation.
4.3 Indication of any immediate modi	ical attention and special treatment needed

No additional information available

SECTION 5: Firefighting measures			
5.1. Extinguishing media			
Suitable extinguishing media Unsuitable extinguishing media	Foam. Dry powder. Carbon dioxide. Water spray. Sand.Do not use a heavy water stream.		
5.2. Special hazards arising from the	e substance or mixture		
No additional information available			
5.3. Advice for firefighters			
Firefighting instructions	: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire fighting water from entering the environment.		

: Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures				
6.1 Personal proceptions prote	ctive equipment and emergency procedures			
o. i. reisonal precautions, prote	cive equipment and emergency procedures			
6.1.1. For non-emergency personne				
Emergency procedures	: Evacuate unnecessary personnel.			
6.1.2. For emergency responders				
Protective equipment	: Equip cleanup crew with proper protection.			
Emergency procedures	: Ventilate area.			

6.2.	Enviro	nmental	I precautions

Protection during firefighting

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters. Avoid release to the environment.

6.3. Methods and material for containment and cleaning up		nd cleaning up
	Methods for cleaning up	: Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage.
	6.4. Reference to other sections	

See Section 8. Exposure controls and personal protection.

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

SECTION 7: Handling and storage	
7.1. Precautions for safe handling	
Precautions for safe handling Hygiene measures	 Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour. Wash hands, forearms and face thoroughly after handling.
7.2. Conditions for safe storage, including a	, , , , , , , , , , , , , , , , , , , ,
Storage conditions	: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container closed when not in use.
Incompatible products Incompatible materials	 Strong bases. Strong acids. Sources of ignition. Direct sunlight.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1 National occupational exposure and biological limit values

HYDROCARBON AEROSOL PROPELLANT (<0.1% 1,3-BUTADIENE) (68476-85-7)

United Kingdom - Occupational Exposure Limits		
Local name	Liquefied petroleum gas	
WEL TWA (OEL TWA) [1]	1750 mg/m³	
WEL TWA (OEL TWA) [2]	1000 ppm	
WEL STEL (OEL STEL)	2180 mg/m³	
WEL STEL (OEL STEL) [ppm]	1250 ppm	
Remark	Carc (Capable of causing cancer and/or heritable genetic damage (only applies if LPG contains more than 0.1% of buta-1,3-diene))	
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE	

8.1.2. Recommended monitoring procedures

No additional information available

8.1.3. Air contaminants formed

No additional information available

8.1.4. DNEL and PNEC

No additional information available

8.1.5. Control banding

No additional information available

8.2. Exposure controls

8.2.1. Appropriate engineering controls

No additional information available

8.2.2. Personal protection equipment

Personal protective equipment:

Avoid all unnecessary exposure.

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Personal protective equipment symbol(s):



8.2.2.1. Eye and face protection

Eye protection: Chemical goggles or safety glasses

8.2.2.2. Skin protection

Skin and body protection: Wear suitable protective clothing

Hand protection:

Wear protective gloves. Nitrile rubber gloves

8.2.2.3. Respiratory protection

Respiratory protection:

In case of inadequate ventilation wear respiratory protection. Wear a respirator conforming to EN140 with Type A filter or better

8.2.2.4. Thermal hazards

No additional information available

8.2.3. Environmental exposure controls

Other information:

Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties					
9.1. Information on basic physical and chemical properties					
Physical state	: Liquid				
Colour	: Colourless.				
Odour	: Characteristic odour.				
Odour threshold	: Not available				
Melting point	: Not available				
Freezing point	: Not available				
Boiling point	: <0 °C				
Flammability	: Extremely flammable aerosol.				
Explosive limits	: Not available				
Lower explosion limit	: Not available				
Upper explosion limit	: Not available				
Flash point	: <-100 °C				
Auto-ignition temperature	: >200 °C				
Decomposition temperature	: Not available				
рН	: Not available				
Viscosity, kinematic	: Not available				
Solubility	: insoluble in water.				
Partition coefficient n-octanol/water (Log Kow)	: Not available				
Vapour pressure	: Not available				
Vapour pressure at 50°C	: Not available				
Density	: Not available				
Relative density	: ≈0.6				
Relative vapour density at 20°C	: Not available				
Particle characteristics	: Not applicable				
9.2. Other information					

9.2.1. Information with regard to physical hazard classes

% of flammable ingredients

: 89.998 %

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

9.2.2. Other safety characteristics

VOC content

: 546 g/l

SECTION 10: Stability and reactivity
10.1. Reactivity
Extremely flammable aerosol.
10.2. Chemical stability
Not established.
10.3. Possibility of hazardous reactions
Not established.
10.4. Conditions to avoid
Direct sunlight. Extremely high or low temperatures.
10.5. Incompatible materials
Strong acids. Strong bases.
10.6. Hazardous decomposition products

fume. Carbon monoxide. Carbon dioxide.

SECTION 11: Toxicological information					
11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008					
Acute toxicity (oral):Acute toxicity (dermal):Acute toxicity (inhalation):	Not classified Not classified Not classified				
HEPTANE & ISOMERS (64742-49-0)					
LD50 oral rat	5840 mg/kg				
LD50 dermal rat	2800 – 3100 mg/kg bodyweight Animal: rat				
LC50 Inhalation - Rat	> 23.3 mg/l air Animal: rat, Guideline: OECD Guideline 403 (Acute Inhalation Toxicity)				
HYDROCARBON AEROSOL PROPELLANT (:0.1% 1,3-BUTADIENE) (68476-85-7)				
LC50 Inhalation - Rat (Vapours)	> 20 mg/l/4h				
Skin corrosion/irritation :	Causes skin irritation.				
Serious eye damage/irritation :	Not classified				
Additional information : Based on available data, the classification criteria are not met					
Respiratory or skin sensitisation :	Not classified				
Additional information :	Based on available data, the classification criteria are not met				
Germ cell mutagenicity :	Not classified				
Additional information :	Based on available data, the classification criteria are not met				
Carcinogenicity :	Not classified				
Additional information :	Based on available data, the classification criteria are not met				
Reproductive toxicity :	Not classified				
Additional information :	Based on available data, the classification criteria are not met				
STOT-single exposure :	Not classified				
Additional information :	Based on available data, the classification criteria are not met				
HEPTANE & ISOMERS (64742-49-0)					
STOT-single exposure	May cause drowsiness or dizziness.				
STOT-repeated exposure :	Not classified				

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Additional information :	Based on available data, the classification criteria are not met			
HEPTANE & ISOMERS (64742-49-0)				
LOAEC (inhalation, rat, vapour, 90 days)	16.6 mg/l air Animal: rat, Animal sex: male			
NOAEC (inhalation, rat, vapour, 90 days)	3.3 mg/l air Animal: rat, Animal sex: male			
	Not classified Based on available data, the classification criteria are not met			
PRECISION SILICONE Spray				
Vaporizer	Aerosol			
HEPTANE & ISOMERS (64742-49-0)				
Viscosity, kinematic	0.5 mm²/s			
Hydrocarbon	Yes			
11.2. Information on other hazards				
11.2.1. Endocrine disrupting properties No additional information available				

11.2.2. Other information

Potential adverse human health effects and	:	Based on available data, the classification criteria are not met
symptoms		

SECTION 12: Ecological information					
12.1. Toxicity					
Hazardous to the aquatic environment, short-term : (acute)	Harmful to aquatic life with long lasting effects. Not classified Harmful to aquatic life with long lasting effects.				
HEPTANE & ISOMERS (64742-49-0)					
LC50 - Fish [1]	> 13.4 mg/l				
EC50 - Crustacea [1]	3 mg/l				
LOEC (chronic)	0.32 mg/l Test organisms (species): Daphnia magna Duration: '21 d'				
NOEC (chronic)	0.17 mg/l Test organisms (species): Daphnia magna Duration: '21 d'				
12.2. Persistence and degradability					
PRECISION SILICONE Spray					
Persistence and degradability	May cause long-term adverse effects in the environment.				
HEPTANE & ISOMERS (64742-49-0)					
Persistence and degradability	98 % biodegradation 28 days.				
12.3. Bioaccumulative potential					
PRECISION SILICONE Spray					
Bioaccumulative potential	Not established.				
HYDROCARBON AEROSOL PROPELLANT (<0.1% 1,3-BUTADIENE) (68476-85-7)					
Partition coefficient n-octanol/water (Log Pow)	2.3 – 2.8				

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

12.4. Mobility in soil	
No additional information available	
12.5. Results of PBT and vPvB assessment	
No additional information available	
12.6. Endocrine disrupting properties	
No additional information available	
12.7. Other adverse effects	
Additional information	: Avoid release to the environment.

SECTION 13: Disposal considerations		
13.1. Waste treatment methods		
Product/Packaging disposal recommendations	 Dispose in a safe manner in accordance with local/national regulations. Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation. 	
Ecology - waste materials	: Avoid release to the environment.	

SECTION 14: Transport information

ADR	IMDG	ΙΑΤΑ	ADN	RID
14.1. UN number or ID n	umber			
UN 1950	UN 1950	UN 1950	UN 1950	UN 1950
14.2. UN proper shipping	g name		1	
AEROSOLS	AEROSOLS	Aerosols, flammable	AEROSOLS	AEROSOLS
Transport document descr	iption		1	
UN 1950 AEROSOLS, 2.1, (D)	UN 1950 AEROSOLS, 2.1	UN 1950 Aerosols, flammable, 2.1	UN 1950 AEROSOLS, 2.1	UN 1950 AEROSOLS, 2.
14.3. Transport hazard c	lass(es)			·
2.1	2.1	2.1	2.1	2.1
		×		
14.4. Packing group				I
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.5. Environmental haz	ards		1	
Dangerous for the environment: No	Dangerous for the environment: No Marine pollutant: No	Dangerous for the environment: No	Dangerous for the environment: No	Dangerous for the environment: No
No supplementary informatio	n available		·	

Overland transport

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Special provisions (ADR)	: 190, 327, 344, 625
,	: 11
	: E0
	: P207, LP200
-	: PP87, RR6, L2
	: MP9
1 0,000	: 2
	: V14
Special provisions for carriage - Loading, unloading	2 CV9, CV12
and handling (ADR)	00
	: S2
Tunnel restriction code (ADR)	: D
Transport by acc	
Transport by sea	
,	: 63, 190, 277, 327, 344, 381, 959
č	: P207, LP200
	: PP87, L2
	: F-D
	: S-U
8 8 9 ()	: None
3	: SW1, SW22
Segregation (IMDG)	: SG69
Air transport	
	: E0
	: Y203
	: 30kgG
1 0 ()	: 203
	: 75kg
CAO packing instructions (IATA)	: 203
CAO max net quantity (IATA)	: 150kg
Special provisions (IATA)	: A145, A167, A802
ERG code (IATA)	: 10L
Inland waterway transport	_
. ,	: 5F
,	: 190, 327, 344, 625
	: 1L
	: E0
	: PP, EX, A
Ventilation (ADN)	: VE01, VE04
Number of blue cones/lights (ADN)	: 1
Rail transport	
Classification code (RID)	: 5F
Special provisions (RID)	: 190, 327, 344, 625
Limited quantities (RID)	: 1L
	: E0
Packing instructions (RID)	: P207, LP200
Special packing provisions (RID)	: PP87, RR6, L2
Mixed packing provisions (RID)	: MP9
Transport category (RID)	: 2
Special provisions for carriage – Packages (RID)	: W14
Special provisions for carriage - Loading, unloading	: CW9, CW12
and handling (RID)	
Colis express (express parcels) (RID)	: CE2
Hazard identification number (RID)	: 23
14.7. Maritime transport in bulk according to	INIC Instruments

14.7. Maritime transport in bulk according to IMO instruments

Not applicable

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

REACH Annex XVII (Restriction List)

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)

REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

REACH Candidate List (SVHC)

Contains no substance(s) listed on the REACH Candidate List

PIC Regulation (Prior Informed Consent)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

POP Regulation (Persistent Organic Pollutants)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

Ozone Regulation (1005/2009)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)

VOC Directive (2004/42)

VOC content

: 546 g/l

Explosives Precursors Regulation (2019/1148)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

Drug Precursors Regulation (273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Indication of changes			
Section	Changed item	Change	Comments
	Supersedes version of	Added	
	Revision date	Modified	

Data sources

 REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.
 None.

Other information

Full text of H- and EUH-statements:		
Aquatic Chronic 2	Hazardous to the aquatic environment – Chronic Hazard, Category 2	
Asp. Tox. 1	Aspiration hazard, Category 1	
Carc. Not classified	Carcinogenicity Not classified	
Flam. Gas 1	Flammable gases, Category 1	

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Full text of H- and EUH-statements:		
Flam. Liq. 1	Flammable liquids, Category 1	
Flam. Liq. 2	Flammable liquids, Category 2	
H220	Extremely flammable gas.	
H222	Extremely flammable aerosol.	
H224	Extremely flammable liquid and vapour.	
H225	Highly flammable liquid and vapour.	
H229	Pressurised container: May burst if heated.	
H280	Contains gas under pressure; may explode if heated.	
H304	May be fatal if swallowed and enters airways.	
H315	Causes skin 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.	
Muta. Not classified	Germ cell mutagenicity Not classified	
Press. Gas (Liq.)	Gases under pressure : Liquefied gas	
Skin Irrit. 2	Skin corrosion/irritation, Category 2	
STOT SE 3	Specific target organ toxicity – Single exposure, Category 3, Narcosis	

Safety Data Sheet (SDS), EU

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.