



## SAFETY DATA SHEET (Aerosol) Silicone Lubricant

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

PRODUCT NAME	(Aerosol) Silicone Lubricant
SUPPLIER	Autosmart International Ltd Lynn Lane, Shenstone, nr Lichfield Staffordshire. WS14 0DH England www.autosmartinternational.com Tel: +44 (0) 1543 481616 (09:00 - 17:00) Fax: +44 (0) 1543 481549 (09:00 - 17:00) info@autosmartinternational.com
PRODUCT NO.	A54
APPLICATION	Lubricant
EMERGENCY TELEPHONE	Mob: +44 (0) 7808 971321 (24hrs) Tel: +44 (0) 1543 481616 (09:00 - 17:00) Fax: +44 (0) 1543 481549 (09:00 - 17:00)

### 2 HAZARDS IDENTIFICATION

Extremely flammable. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

CLASSIFICATION (1999/45) F+;R12. R52/53.

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification (67/548)
BUTANE	203-448-7	106-97-8	10-30%	F+;R12
HEXANE-norm	203-777-6	110-54-3	< 1%	F;R11 Repr. Cat. 3;R62 Xn;R48/20,R65 Xi;R38 R67 N;R51/53
PETROLEUM DISTILATE	203-777-6	64741-84-0	10-30%	Xn;R65. F;R11. N;R51/53.
PROPANE	200-827-9	74-98-6	30-60%	F+;R12

The Full Text for all R-Phrases are Displayed in Section 16

### 4 FIRST-AID MEASURES

#### INHALATION

Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

#### INGESTION

DO NOT INDUCE VOMITING! Rinse mouth thoroughly. Drink plenty of water. Get medical attention if any discomfort continues.

#### SKIN CONTACT

Wash the skin immediately with soap and water. Get medical attention if any discomfort continues.

#### EYE CONTACT

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

### 5 FIRE-FIGHTING MEASURES

#### EXTINGUISHING MEDIA

Use: Powder. Dry chemicals, sand, dolomite etc. Water spray, fog or mist.

#### SPECIAL FIRE FIGHTING PROCEDURES

Containers close to fire should be removed or cooled with water. Use water to keep fire exposed containers cool and disperse vapours. Be aware of danger of explosion.

**(Aerosol) Silicone Lubricant****UNUSUAL FIRE & EXPLOSION HAZARDS**

Aerosol cans may explode in a fire. **HIGHLY FLAMMABLE!**

**SPECIFIC HAZARDS**

Aerosol containers can explode when heated, due to excessive pressure build-up. Fire creates: Carbon dioxide (CO<sub>2</sub>). Carbon monoxide (CO). Nitrous gases (NO<sub>x</sub>).

**6 ACCIDENTAL RELEASE MEASURES****PERSONAL PRECAUTIONS**

For personal protection, see section 8.

**ENVIRONMENTAL PRECAUTIONS**

Do not discharge into drains, water courses or onto the ground.

**SPILL CLEAN UP METHODS**

Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Absorb in vermiculite, dry sand or earth and place into containers.

**7 HANDLING AND STORAGE****USAGE PRECAUTIONS**

Keep away from heat, sparks and open flame. Avoid spilling, skin and eye contact. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level. Read and follow manufacturer's recommendations. During application and drying, solvent vapours will be emitted. Eliminate all sources of ignition.

**STORAGE PRECAUTIONS**

Aerosol cans: Must not be exposed to direct sunlight or temperatures above 50°C. Keep away from heat, sparks and open flame.  
Pressurised container: Must not be exposed to temperatures above 50°C. Store in tightly closed original container in a dry and cool place.

**8 EXPOSURE CONTROLS/PERSONAL PROTECTION**

Name	Std	TWA - 8 hrs		STEL - 15 min		Notes
BUTANE	WEL	600 ppm	1450 mg/m <sup>3</sup>	750 ppm	1810 mg/m <sup>3</sup>	
HEXANE-norm	WEL	20 ppm	72 mg/m <sup>3</sup>			
PETROLEUM DISTILATE	WEL		1000 mg/m <sup>3</sup>			
PROPANE		Asphyxiating Asphyxiating	Asphyxiating	Asphyxiating Asphyxiating	Asphyxiating	

WEL = Workplace Exposure Limit.

**INGREDIENT COMMENTS**

WEL = Workplace Exposure Limits

**PROTECTIVE EQUIPMENT****PROCESS CONDITIONS**

Provide eyewash station.

**ENGINEERING MEASURES**

Observe occupational exposure limits and minimize the risk of inhalation of vapours. No specific ventilation requirements noted, except this product must not be used in a confined space without good ventilation.

**RESPIRATORY EQUIPMENT**

No specific recommendation made, but respiratory protection must be used if the general level exceeds the recommended occupational exposure limit.

**HAND PROTECTION**

Use protective gloves made of: Polyvinyl chloride (PVC). The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material.

**EYE PROTECTION**

If risk of splashing, wear safety goggles or face shield.

**OTHER PROTECTION**

Wear appropriate clothing to prevent repeated or prolonged skin contact.

**(Aerosol) Silicone Lubricant**

## HYGIENE MEASURES

DO NOT SMOKE IN WORK AREA! When using do not eat, drink or smoke. Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated.

**9 PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE	Aerosol Clear liquid
COLOUR	Colourless
ODOUR	Solvent.
VOLATILE ORGANIC COMPOUND (VOC)	517.5

**10 STABILITY AND REACTIVITY**

## STABILITY

Stable under normal temperature conditions and recommended use. Avoid: Heat, sparks, flames. Shocks and physical damage.

## CONDITIONS TO AVOID

Avoid heat, flames and other sources of ignition. Avoid contact with: Strong oxidising agents. Strong alkalis. Strong mineral acids.

## MATERIALS TO AVOID

Strong alkalis. Strong oxidising substances.

## HAZARDOUS DECOMPOSITION PRODUCTS

Fire creates: Vapours/gases/fumes of: Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>). Nitrous gases (NO<sub>x</sub>).

**11 TOXICOLOGICAL INFORMATION**

## GENERAL INFORMATION

Prolonged and repeated contact with solvents over a long period may lead to permanent health problems.

## INHALATION

High concentrations of vapours may irritate respiratory system and lead to headache, fatigue, nausea and vomiting.

## INGESTION

May cause discomfort if swallowed.

## SKIN CONTACT

May cause defatting of the skin, but is not an irritant.

## EYE CONTACT

Spray and vapour in the eyes may cause irritation and smarting.

## HEALTH WARNINGS

Because of quantity and composition, the health hazard is small.

**12 ECOLOGICAL INFORMATION**

## ECOTOXICITY

Dangerous for the environment if discharged into watercourses.

**13 DISPOSAL CONSIDERATIONS**

## GENERAL INFORMATION

Do not puncture or incinerate even when empty. Empty aerosols should be recycled where facilities exist. Full or part full aerosols should be disposed of as hazardous waste in accordance with local authority requirements.

## DISPOSAL METHODS

Empty containers must not be burned because of explosion hazard. Dispose of waste and residues in accordance with local authority requirements. Do not allow runoff to sewer, waterway or ground. Recover and reclaim or recycle, if practical.

**14 TRANSPORT INFORMATION**

PROPER SHIPPING NAME

AEROSOLS

**(Aerosol) Silicone Lubricant**

UN NO. ROAD	1950	ADR CLASS NO.	2
ADR CLASS	Class 2.1: Flammable gases.	ADR PACK GROUP	5(f)
UN NO. SEA	1950	IMDG PAGE NO.	93 (vol 2)
EMS	F-D, S-U		

**15 REGULATORY INFORMATION**

## LABELLING



Extremely Flammable

## RISK PHRASES

R12	Extremely flammable.
R52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

## SAFETY PHRASES

S2	Keep out of the reach of children.
S9	Keep container in a well-ventilated place.
S16	Keep away from sources of ignition - No smoking.
S23	Do not breathe vapour/spray.
S51	Use only in well-ventilated areas.
S61	Avoid release to the environment. Refer to special instructions/safety data sheets.

## STATUTORY INSTRUMENTS

Chemicals (Hazard Information and Packaging) Regulations.

## GUIDANCE NOTES

Workplace Exposure Limits EH40.

**16 OTHER INFORMATION**

## GENERAL INFORMATION

Only trained personnel should use this material. This product has been manufactured under ISO 9001 and ISO 14001 Quality and Environmental Management Systems.

REVISION DATE 18/03/2010

REV. NO./REPL. SDS GENERATED 1

## RISK PHRASES IN FULL

R12	Extremely flammable.
R48/20	Harmful: danger of serious damage to health by prolonged exposure through inhalation.
R65	Harmful: may cause lung damage if swallowed.
R11	Highly flammable.
R38	Irritating to skin.
R62	Possible risk of impaired fertility.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R67	Vapours may cause drowsiness and dizziness.

## DISCLAIMER

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.