

Silicone Spray DATA SHEET

PRODUCT: SILICONE SPRAY AEROSOL SPRAY LUBRICANT

- Is a multipurpose, silicone lubricant, polish and mould release in aerosol form
- Is a colourless, odourless, non staining silicone liquid
- Is heat stable, water repellent, antistatic and corrosion retardant
- It reduces friction on sliding doors and patio windows and lubricates locks, hinges and door handles without staining
- Is recommended for use to improve colour of worn plastics, leathers and rubbers, can be used on wood, metal and painted surfaces and is safe with foodstuffs

DIRECTIONS FOR USE:

1. First shake can well
2. Spray on to area to be lubricated
3. Wipe off excess with a lint free **
4. If it is to be used to rejuvenate rubbers, leathers and plastics etc polish off with soft cloth to give a brilliant shine
5. If it is to be used as a mould release, care must be taken to completely clean mould before applying silicone spray

PACKAGING:

Packed in 400 ml cans 12 Cans per box

CAUTION PLEASE NOTE:

1. Do not spray on or near surfaces to be painted
 2. Do not spray onto floors or stairs as the resultant finish could be slippery and dangerous.
 3. Can is pressurised so:
 - A. Do not puncture or incinerate
 - B. Protect from sunlight and temperatures above 50.c
 - C. Do not spray on naked flame or any incandescent material
 - D. Keep out of the reach of children
- Further Health and Safety information is available on a separate data sheet on request.

PRODUCT SAFETY DATA SHEET:

PRODUCT: UNIVERSAL SILICONE SPRAY

1. IDENTIFICATION OF PRODUCT AND USES:

PRODUCT NAME: Universal Silicone Spray

PRODUCT TYPE: A hand-held pre-pressurised aerosol

SPECIFIED USE: Industrial lubricant, mould release, polish

2. COMPOSITION INFORMATION:

A combination of silicone oils in rapid evaporating carrier solvent, with non-CFC propellant.

HAZARDOUS COMPOSITION:

INGREDIENTS CAS NO INDEX CLASSIFICATION RANGE

Aliphatic Hydrocarbon 64742-49-0 265-151-9 R45,65 (S, 53,45) 25-50%

Silicone Oil 63148-62-0 n/a 5-10%

Butane 106-97-8 203-448-7 F+,R12 (S2,9,16) 10-30%

Propane 74-98-6 200-827-9 F+,R12 (S2,9,16) 10-30%

PTFE blend None 1-5%

Silicone Spray DATA SHEET

3. HAZARD IDENTIFICATION / SAFETY PRECAUTIONS:

THIS IS AN AEROSOL PRODUCT - USE ONLY IN WELL-VENTILATED AREAS.

The contents are FLAMMABLE and maybe HARMFUL by deliberate prolonged inhalation or ingestion.

Hydrocarbon propellant is an asphyxiant if there is insufficient ventilation. This would constitute abuse of the product.

ALWAYS WASH HANDS AFTER USE. Repeated exposure may cause skin dryness or cracking.

KEEP IN A SAFE PLACE AWAY FROM CHILDREN.

FLAMMABLE - pressurised container. Protect from sunlight and do not expose to temperatures exceeding 50 degrees C. Do not spray onto a naked flame or any incandescent material, hot surface or unprotected electrical equipment.

DO NOT BREATHE SPRAY MIST. Vapours may cause drowsiness and dizziness.

DO NOT SPRAY NEAR EYES. Irritating to eyes.

ALWAYS READ CONTAINER WARNINGS.

4. FIRST AID MEASURES:

INHALATION: Asphyxiation by butane will precede any toxicological effects of the active elements. Remove the patient to fresh air and treat symptomatically.

SKIN CONTACT: Wash with soap and water. Mild irritation may occur. Repeated contact may cause skin dryness and cracking.

EYE CONTACT: NEVER USE AEROSOLS NEAR EYES/MUCOUS MEMBRANES. Flush with copious quantities of water. Seek medical advice. Product is classified as irritating to eyes.

INGESTION: Unlikely. May cause nausea and discomfort. Carry out a gastric lavage to reduce discomfort. The contents would tend to be absorbed by the body with no significant effects, particularly in these concentrations. Treat symptomatically. Seek medical advice and show the container.

5. FIRE FIGHTING MEASURES:

Pressurised aerosols should not be exposed to temperatures exceeding 50°C. Above this, containers may explode and the resultant flammable mixture will burn to produce CO₂.

Use water to cool undamaged stock only. Avoid contamination of the water courses where damaged stock is leaking.

EXTINGUISHING MEDIA: CO₂, BCF, dry powder, sand or earth.

For larger fire use foam, water fog or spray, avoiding contamination.

POSITIVE PRESSURE BREATHING APPARATUS SHOULD BE USED.

6. ACCIDENTAL RELEASE MEASURES:

INITIAL SPILLAGE WOULD BE FLAMMABLE. Spillage is unlikely in large quantities with an aerosol product. Keep damaged containers away from sources of ignition and in well ventilated areas.

Environment: In the concentrations within 1-1000 cans the components would not present an environmental hazard as most of the product would quickly evaporate, leaving only the residue.

Cleaning: In small quantities any liquid should be absorbed into a suitable media, such as sand and disposed of safely. The residue should be washed away with soapy water.

7. HANDLING AND STORAGE:

Handling: Handle carefully. In general handling aerosols should not be considered as hazardous.

Storage: Always store aerosols away from sources of heat, including direct sunlight and in dry conditions. Avoid extremes of temperature and moisture. A stable, cool, dry ambient environment is most suitable. Avoid contamination with other products. The containers will not last indefinitely even when stored in a cool dry area, they should be inspected periodically during long-term storage. Note container warnings.

Silicone Spray DATA SHEET

8. EXPOSURE CONTROLS/PERSONAL PROTECTION:

Supplier recommends 400ppm total hydrocarbon based on composition. As with all aerosols, the products should only be used in well-ventilated areas, but responsible use is not potentially harmful.

Respiratory protection: If ventilation is not possible, then suitable respiratory protection is essential if there is a risk of solvent vapour concentrations. Use organic/inorganic vapour filters. Vapours may cause drowsiness or dizziness.

Hand Protection: Repeated exposure may cause skin cracking or dryness, gloves may be required.

Eye Protection: AVOID SPRAYING NEAR EYES. Irritating to eyes. If there is a risk of eye contact wear glasses, goggles or face-shield.

Skin Protection: Repeated exposure may cause skin cracking or dryness, covering of exposed skin may be required. In general the aerosol product is a convenient and safe method of supply. Only in continuous or repeated usage conditions should personal protective measures be required or exposure controls considered.

9. PHYSICAL AND CHEMICAL PROPERTIES:

As the product is an aerosol, it is an aerosol container with no potential properties, provided the container warnings are observed. Details apply to the liquid phase of the product only (propellant gas will evaporate immediately):

Appearance: Colourless

Odour: n/a

pH: Not applicable.

Boiling Point: >65°C

Melting Point: <-80°C

Flash Point: <-20°C

Flammability: Highly flammable liquid.

Autoflammability: unknown

Explosive properties: None

Oxidising Properties: None

Vapour Pressure: n/a

Relative density: 0.71kg/m³

Solubility: insoluble in water

Partition Coefficient: unknown

10. STABILITY AND REACTIVITY:

The container is inherently stable under instructed conditions for a reasonable period of time (at least 24-36 months). AVOID extremes of temperature, including direct sunlight and extreme freezing. Avoid exposure to moisture, which may cause container deterioration and pH, where acidity may damage container integrity. Avoid sudden impacts, which may damage container integrity.

Avoid contact with water, acids, high temperatures.

Container corrosion may occur with time and damaged containers should be disposed of before any danger is evident. Flammable, liquid contents should be considered generally not reactive.

Silicone Spray DATA SHEET

11. TOXICOLOGICAL INFORMATION:

THIS IS DESIGNED FOR EXTERNAL USE ONLY.

Essentially, when used in this aerosol form, there are no potential toxic effects. The data is as follows:

ALIPHATIC HYDROCARBON -- no data available on the product itself.

BUTANE/PROPANE The Occupational Exposure Standard is 600ppm (1430 mgm)

Used correctly in aerosol form, all components can be considered to have a low order of toxicity (LD50 oral rat 500mg/kg, skin 300mg/kg). Deliberate inhalation may cause severe pulmonary and breathing difficulty, dizziness, drowsiness (narcosis) and headaches (but this is unlikely in normal usage), and would constitute abuse.

Skin and eye irritation may result from continued exposure to vapours when used in areas of poor ventilation, or when working in close proximity to the spray for prolonged periods, and suitable steps should be taken to avoid such conditions. Constituent products have shown no conclusive carcinogenic or mutagenic effects in long term tests.

12. ECOLOGICAL INFORMATION:

This relates to the contents only, see Disposal.

The product will evaporate quickly to the air. A colourless liquid, easily absorbed, will evaporate and leave an oily residue.

The residue will present no other significant hazards, with no dangerous products arising from degradation.

Mobility: will be

Degradation: will be relatively slow though ultimately almost complete.

Accumulation: is unlikely once physical breakdown commences.

Short and long term effects: should not be considered significant. Very short term damage to aquatic and soil organisms may occur in large spillage (1000+ containers) though this should disperse quickly (especially if absorbent material is used). No effects on plants or animals are indicated. There is no ozone depletion, ozone creation or global warming potential. Water treatment plants would not be affected by small to medium volumes of this material.

13. DISPOSAL CONSIDERATIONS:

The container should be totally discharged and disposed of as hazardous waste. SEE CONTAINER WARNINGS. I.e. do not puncture or incinerate/burn, even after use. Dried material is non-hazardous.

14. TRANSPORT INFORMATION:

UN NUMBER: UN 1950

IMDG page: 9022/2120

HAZARD CLASS: 9 Miscellaneous Dangerous Goods.

2.1 For Sea Transport.

UK TRANSPORT DESCRIPTION: FLAMMABLE AEROSOLS (limited quantities).

UK TRANSPORT CLASSIFICATION: MISCELLANEOUS GOODS

Silicone Spray DATA SHEET

15. REGULATORY INFORMATION:

The COSHH Regulations apply in the UK.

The CHIP Regulations apply in the UK.

The Environmental Protection Act Regulations apply in the UK.

SYMBOLS: F+

RISK/SAFETY PHRASES:

F+ Flammable. Keep out of reach of children. Protect from sunlight and do not expose to temperatures exceeding 50 degrees C. Do not pierce or burn, even after use. Do not spray onto a naked flame or any incandescent material. (Aerosol safety phrases).

R12 Extremely flammable

S2 Keep out of reach of children.

S9 Keep container in a well ventilated place.

S16 Keep away from sources of ignition - No smoking.

S45 In case of accident or if you feel unwell seek medical advice immediately (show label).

S53 Avoid exposure - obtain special instructions before use.

(R45 and R65 are not required under Approved Supply List and Approved Packaging and Labelling for Supply guidelines.)

16. OTHER INFORMATION:

This is an aerosol product and should be used carefully.

It represents no greater dangers than any other aerosol product and all regulations applicable are general industry guidelines.

The information included is all that available for the component products at this time.

The information contained herein is based upon the current state of our knowledge.

Since the storage, application and disposal of these products is not within the control of the company it is the user's obligation to determine the conditions of safety in terms of all aspects relating to their products. The company accepts no liability for and makes no claims regarding the uses, qualities or components of this product which may vary from country to country.

Always observe all container and data sheet warnings

ALWAYS READ THE LABEL BEFORE USE.