

SOLENT PRECISION SILICONE RELEASE SPRAY – 500 ML

Date of First Issue 16.2.04

Revision Date:

1. Identification Code: SOL 732-0700K

Commercial Name: SOLENT SILICONE RELEASE 500 ML

Emergency Telephone Number: 0116 288 8000

IDENTIFICATION OF THE SUBSTANCE/PREPARATION SPECIFICATION & INTENDED USE:

PRODUCT NAME: SOLENT PRECISION SILICONE RELEASE SPRAY – 500ML

PART NO: SOL 732-0700K SRI-500B

INTENDED USE & PRODUCT SPECIFICATION:

Solent Precision Silicone Release is a pure high Silicone content fluid carried in a fast evaporating solvent. When sprayed from the aerosol the product can be directed accurately to the object or surface to be treated. The product produces a “dry” Silicone coating that reduces sticking and induces slip. Used for a wide variety of purposes in many industries. Plastic and rubber components treated with this product release from moulds and jigs easily. The product is water clear in colour with no odour.

2. COMPOSITION/INFORMATION ON INGREDIENTS – NON-HAZARDOUS INGREDIENTS MAY NOT BE LISTED:

INGREDIENTS:	CAS NO:	EINECS NR:	CLASSIFICATION	CONTENT
Butane	106-97-8	203-448-7	F+ R-12	30-60%
Propane	74-98-6	200-827-9	F+ R-12	10-30%
Isobutane	75-28-5	200-857-2	F+ R-12	10-30%
Naphtha (Petroleum), Hydrotreated Light	64742-49-0	265-151-9	Xi ,F ,N R-11, 38, 51/53, 65, 67	10-30%

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

3. HAZARDS IDENTIFICATION: Extremely flammable. Toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment. Vapours may cause drowsiness and dizziness.

4. FIRST AID MEASURES:

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

INHALATION: Move the exposed person to fresh air at once. When breathing is difficult, properly trained personnel may assist affected person by administering 100% oxygen. Keep the affected person warm and at rest. Get prompt medical attention.

INGESTION: DO NOT INDUCE VOMITING! Rinse mouth thoroughly with water and give large amounts of milk or water to people not unconscious. Get medical attention if any discomfort continues.

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

EYES: 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.

UNUSUAL FIRE & EXPLOSION HAZARDS: Aerosol cans may explode in fires.

6. ACCIDENTAL RELEASE MEASURES:

SPILL CLEAN-UP METHODS: Aerosols are small volume containers any leaks are unlikely to present a serious hazard. Place leaking aerosol cans in a bucket or similar container. Wear necessary protective equipment. Extinguish all ignition sources. Avoid sparks, flames, heat, and smoking. Ventilate. Let evaporate. Keep out of confined spaces because of explosion risk. If leakage cannot be stopped, evacuate area.

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.

STORAGE PRECAUTIONS: Aerosol cans: Must not be exposed to direct sunlight or temperatures above 50°C.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION:

INGREDIENT NAME:	CAS No	STD	LT EXP (8 hrs)	ST EXP (15 min)
BUTANE	106-97-8	OES	600 ppm	750 ppm
PROPANE	74-98-6		Asphyxiating	Asphyxiating
NAPHTHA (PETROLEUM), HYDROTREATED LIGHT	64742-49-0	OES	1000 mg/m3	-

INGREDIENT COMMENTS: OES = Occupational Exposed Standard. MEL = Maximum Exposure Limited
LT EXP = Long Term Exposure
ST EXP = Short Term Exposure

VENTILATION: Provide adequate general and local exhaust ventilation.

RESPIRATORS: No specific recommendation made, but respiratory protection must be used if the general level exceeds the Occupational Exposure Level (OEL). Use chemical cartridge protection with appropriate cartridge.

PROTECTIVE GLOVES: Not specified for aerosol application. However, physical hand protection is good industrial practise.

EYE PROTECTION: Wear approved chemical safety goggles where eye exposure is reasonably probable.

OTHER PROTECTION: Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.

HYGIENIC WORK DO NOT SMOKE IN WORK AREA!

PRACTICES: Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly wash if skin becomes contaminated Promptly remove any clothing that becomes wet or contaminated. No eating or drinking while working with this material. Do not put cloths contaminated with product in overall pockets.

9. PHYSICAL AND CHEMICAL PROPERTIES:

APPEARANCE: Aerosol
COLOUR: Colourless
ODOUR/TASTE: Characteristic
SOLUBILITY DESCRIPTION: Insoluble in water
FLAMMABILITY LIMIT – LOWER(%): 0.8
FLAMMABILITY LIMIT – UPPER(%): 9.0

10. STABILITY AND REACTIVITY:

STABILITY: Normally stable.
CONDITIONS TO AVOID: Avoid heat, flames and other sources of ignition. Avoid contact with: strong oxidising agents. Strong alkalis. Strong mineral acids.
HAZARDOUS DECOMPOSITION PRODUCTS: Fire creates: Fire creates: Vapours/gases/fumes of: Carbon monoxide (CO). Carbon dioxide (CO²).

11. TOXICOLOGICAL INFORMATION:

INHALATION: May cause irritation to the respiratory system. Solvent vapours are hazardous and may cause nausea, sickness and headaches. Prolonged inhalation of high concentrations may damage respiratory system.
INGESTION: May cause discomfort if swallowed. May cause stomach pain or vomiting
Gastrointestinal symptoms, including upset stomach.
SKIN: Prolonged or repeated exposure may cause severe irritation. Acts as a defatting agent on skin. May cause cracking of skin, and eczema.
EYES: Irritating to eyes. May cause chemical eye burns.
ROUTE OF ENTRY: Inhalation. Skin and/or eye contact.

12. ECOLOGICAL INFORMATION:

ECOLOGICAL INFORMATION: Spills from aerosols too small to cause major problems. However, care must be taken to ensure that this product is not used or disposed in an inconsiderate manner. Dangerous for the environment if discharged into watercourses.

13. DISPOSAL CONSIDERATIONS:

DISPOSAL METHODS: Empty containers must not be burned because of explosion hazard. Dispose of in accordance with Local Authority requirements.

14. TRANSPORT INFORMATION:

LABEL FOR CONVEYANCE: FLAMMABLE GAS
SOLENT CHIP.SAM SOLENT PRECISION SILICONE RELEASE SPRAY 500 ML (No. of pages 5)

UN NO. ROAD:	1950
UK ROAD TRANSPORT CLASS:	2.1
UK ROAD PACK GR:	Not Applicable
ADR CLASS No:	2
ADR CLASS:	Class 2: Gases: Compressed, Liquefied or dissolved under pressure.
ADR PACK GR.	Not Applicable
ADR LABEL No:	2.1
CEFIC TEC(R) No:	20G53
PROPER SHIPPING NAME 1:	AEROSOLS
RID CLASS No:	2
RID PACK GR.	Not Applicable
UN NO. SEA	1950
IMDG CLASS:	2.1
IMDG PACK GR:	Not Applicable
EmS No:	2-13
MFAG TABLE No:	See Guide
MARINE POLLUTANT:	No.
UN NO. AIR:	1950
ICAO CLASS:	2.1
AIR PACK GR:	Not Applicable

15. REGULATORY INFORMATION:

LABEL FOR SUPPLY:	EXTREMELY FLAMMABLE
RISK PHRASES:	R-12 Extremely Flammable. R-51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R-67 May cause drowsiness and dizziness.
SAFETY PHRASES:	S-16 Keep away from sources of ignition - No Smoking. S-2 Keep out of reach of children. S-23C Do not breathe vapour/spray. S-37 Wear suitable gloves. S-51 Use only in well ventilated areas. S-60 This material and its container must be disposed of as hazardous waste.
UK REGULATORY REFERENCES:	The Chemicals (Hazard Information & Packing for Supply) Regulations 2002. The Control of Substances Hazardous to Health Regulations 2002.
STATUTORY INSTRUMENTS:	Control of Substances Hazardous to Health. Chemicals (Hazard Information and Packing) Regulations.
APPROVED CODE OF PRACTICE:	Classification and Labelling of Substances and Preparations Dangerous for Supply.
GUIDANCE NOTES:	Occupational Exposure Limited EH40. Introduction to Local Exhaust Ventilation HS(G)37. CHIP for everyone HSG (108).

16. OTHER INFORMATION:

R-PHRASES (FULL TEXT):

R-11 Highly flammable.

R-38 Irritating to skin.

R-51/53 Toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment.

R-65 Harmful, may cause lung damage if swallowed.

R-67 Vapours may cause drowsiness and dizziness.

R-12 Extremely flammable.

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 as 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.