



SILICONE RELEASE SPRAY

Aerosol Lubricating Oil

Technical Data Sheet



INDUSTRIAL ADHESIVES RANGE

Description:

A clear, non-staining, non-volatile silicone lubricating oil in an aerosol can that provides a clear barrier. Excellent for lubricating machinery and moving parts against the build up of dust, hair and foreign matter and reduces squeaking.

Features & Benefits:

- ◆ **High performance lubricating properties.**
- ◆ **Prevents sticking, fusing and moisture ingress.**
- ◆ **Non-staining, odourless and non-tainting.**
- ◆ **Effective high service temperature range from -40°C to +200°C.**
- ◆ **Water repellent.**
- ◆ **Non conductive.**
- ◆ **CFC Free.**

Uses

SILICONE RELEASE SPRAY can be used:

- The moulding industry to improve productivity and ease of release. It effectively prevents any surfaces bonding, and will not affect the surface finish of cured resins. Excellent high temperature stability means that the product is suitable for use on plastic injection moulding machines, although the product should not be sprayed onto hot surfaces, due to the flammable nature of the propellants used.
- Textile industry where a clean non-staining lubricant is required; is widely used in the furniture and bed manufacturing industries, where the cleaning and lubricating properties of silicone give excellent benefits.
- Automotive to prevent door gaskets sticking and interior trim squeaks. This product will not attack painted surfaces or plastics.

Being impervious to water, it deposits a film onto protective clothing, canvas tents, golf bags, umbrellas, fishing and camping accessories and other similar materials, making them rain and shower proof. SILICONE RELEASE SPRAY puts slip where you want it, and is excellent for treating desk drawers, squeaking hinges, seized locks and will even revitalise metal zip fasteners. It is superb for lubricating tools such as saw blades and cutting edges. It puts the shine back on vehicle dashboards and door panels and may be used as a general purpose polish.

Limitations

Do not use on surfaces to be painted as silicone may induce surface irregularities in the paint. For polystyrene, first spray the release onto a cloth and apply by hand to protect the polystyrene from the propellant.

Preparation

Ensure surfaces are clean, dry and grease and oil free.

Application

Attach the straw to the nozzle and aim at the component, keeping. Shake can well before use. Dependant upon application, product should be sprayed onto the surfaces that require lubrication, in short bursts, from 15cm to 25cm. Wipe away excess with a soft cloth and buff if required.

For mould release applications remove any material from the mould, spray uniformly paying particular attention to corners and areas of fine detail. Ensure all surfaces have received a coating, the silicone can be gently spread using a soft non woven cloth. Best results will always be achieved from moulds with smooth unpitted finishes.

Size

500ml aerosol tin.

Colour

Crystal clear liquid.

Shelf Life

Minimum 12 months from date of manufacture when stored in original, unopened cans. See neck of can for batch reference.

Storage Conditions

Store below +50°C in a dry, well ventilated place away from sources of heat, ignition and direct sunlight. No smoking. Keep containers in a well ventilated area. Must be stored in accordance with flammable liquid storage regulations. Protect from frost.

Disposal of Containers

Do not leave empty containers where residue could be harmful to children, animals or the environment. Replace lids and remove any containers to a central disposal point in accordance with local regulations. Do not pierce canister. Spilt material should be mopped up immediately with an absorbent cloth and a suitable solvent cleaner.

Health & Safety

Extremely flammable aerosol. Please refer to separate safety data sheet (SDS) for full handling, use and storage instructions. Keep out of reach of children. It is the user's responsibility to determine suitability for use. If in doubt, contact our Technical Department for advice.

Note: this information is for general guidance only, since site conditions and labour are beyond our control.

Specification Summary

Appearance	Crystal clear liquid
Flammability	Extremely flammable aerosol
Application Temperature	+15°C to +20°C
Viscosity (v) at +25°C	350 mm ² /s
Density At +25°C	0.970g/cm ³
Refractive Index At +25°C	1.403
Flash Point °C, Open Cup	-35°C
Surface Tension	21.2 dynes/cm
Solubility in Water	Insoluble
Can Pressure	70psi
Commodity Code	3403198000

Product / Order Details

Code	Colour	Size	Barcode	UFI
BISR500	Clear	500ml	5060021361370	VT40-70AT-Y00D-F9YY



Part of the Bond It Glues & Adhesives Range

Head Office: Unit H4, Premier Way, Lowfields Business Park, Elland, West Yorkshire. HX5 9HF.

Telephone: +44 (0)1422 315300 **Email:** salesuk@bonditgroup.com

EU Office: SISL (Bond It) Ireland Limited, 70 Sir John Rogerson's Quay, Dublin 2.

Website: www.bonditgroup.com

Note: The data presented in this leaflet is in accordance with the present state of our knowledge, but does not absolve the user from carefully checking all supplies immediately on receipt. We reserve the right to alter product constants within the scope of technical progress or new developments. The recommendations made in this leaflet should be checked by preliminary trials because of conditions during processing over which we have no control, especially where other companies raw materials are also being used. The recommendations do not absolve the user from the obligation of investigating the possibility of infringement of third parties rights and, if necessary clarifying the position. Recommendations for use do not constitute a warranty, either expressed or implied, of the fitness or suitability of the products for a particular purpose.



Certificate Number 6152
ISO 9001
ISO 14001
ISO 45001

Version 6: 08/03/24
Supersedes V5 12/05/23

bond it