

SILICONE RELEASE SPRAY

Aerosol Lubricating Oil Technical Data Sheet



INDUSTRIAL GLUES & 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.

Benefits:

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

Uses

Bond It **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.

Application

Shake can well before use. Dependant upon application, product should be sprayed onto the surfaces that require lubrication, in short bursts, from 15cm (6 inches) to 25cm (10 inches). 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.

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.

Container Size

500ml aerosol tin.

Shelf Life

12 months from date of manufacture, when stored in original, unopened canister. 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. Observe the label precautions. **SILICONE RELEASE SPRAY** must be stored in accordance with the flammable liquid storage regulations.

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.

Health & Safety

Highly flammable. Please refer to separate material safety data sheet for full handling, use and storage instructions. Keep out of reach of children. It is the users 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. It is recommended that users make their own tests to determine suitability.

Specification Summary

Appearance	Crystal clear liquid
Composition	See SDS
Viscosity (v) mm ² /s at 25°C	350
Specific Gravity At 25°C	0.970
Refractive Index At 25°C	1.403
Flash Point °C, Open Cup	>326
Surface Tension dynes/cm	21.2
Solubility in Water	Insoluble
UN Class	1950 Aerosols flammable

Product / Order Details:

Code	Colour	Size	Barcode
BISR500	Clear	500ml	5060021361370



Part of the Bond It Glues & Adhesives Range



The data presented in this leaflet are in accordance with the present state of our knowledge, but do 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:
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ISO 9001; ISO 14001;
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