

LACARE[®] CHANNEL SPRAY

Technical Data Sheet | Polymers Business



Window Channels Lubrication Spray

Description

Lacare[®] CHANNEL SPRAY is a silicone based lubricant providing excellent protection and lubrication for rubber, metal and plastic parts and assemblies used in automotive windows, sliding windows and rubber beadings. It protects these parts from harsh sunlight thereby retaining their color & luster. It reduces ageing, hardening & cracking of rubber & plastic parts. It does not contain any harmful solvents and Ozone depleting chemicals or CFC's.

Applications

Plastic / rubber / metal window channels in automobiles, sliding windows and rubber beadings etc.

Advantages

Smoothing of up and down movements of manual and power window glasses.
Non-sticking and Non-staining.
Excellent lubrication formula provides lubrication for long durations.
Protects rubber and plastic parts from weathering effects.
Imparts high gloss finish to rubber and plastic parts and prevents embrittlement.
Outstanding resistance to water wash off.

Typical specifications

Properties	Unit	Specifications	Observations
Type	-	Lubricant	-
Appearance	Visual	Clear oily liquid	Passes
Color	Visual	Colorless	Passes
Odor	Visual	Characteristic solvent	Passes
Specific Gravity at 30°C	g/ml	0.67 – 0.77	~0.72
*Viscosity at 30°C (cSt = cPs = 10 ⁻⁶ m ² /s)	cSt	37-47	~41
*Flash Point	°C	-18 (aerosol)	Passes
*Boiling Point (Initial)	°C	+72	Passes
Vapor Density	-	> Air	> Air
Evaporation Rate	-	> n-Butyl acetate	> n-Butyl acetate
Solubility in Water	-	Negligible	Negligible
Operating Temperature	°C	-50 to +150	Passes
Aerosol Can	Visual	Tin plate metal container tested to withstand 300-lbs / inch ²	Passes
	°C	Filled can is tested in hot water bath at 45 °C for leakage	Passes
Aerosol Valve	Visual	1" Standard aerosol valve	Passes

*These parameters are of an active Ingredient and may vary from the sample drawn from the aerosol container.

Processing

Surface compatibility: Lacare[®] CHANNEL SPRAY is safe on metals, rubbers and plastics used in automotive and sliding windows. This is recommended to test surfaces prior to application of Lacare[®] CHANNEL SPRAY.

Application:

Clean the surface to remove settled dust with a clean cloth.

Shake well before use.

Use Lacare[®] CHANNEL SPRAY under adequate ventilation.

Maintain a distance of 20 to 30 cm while spraying to avoid direct exposure to material content.

Use extension tube for localized / pin-point application (window channels etc.)

Slide on window glasses (up-down) to ensure complete spreading of Lacare[®] CHANNEL SPRAY over entire channel.

Lacare[®] CHANNEL SPRAY adheres to the surface completely after few minutes.

Apply repeatedly, if required.

Do not spray near naked flame, hot surfaces or energized equipment.

Packaging

Available in 60 gm aerosol spray can.

Storage and handling

Store in a cool, dark and dry place, preferably in a sealed container.

Do not expose to temperature exceeding 45°C. Protect from sunlight.

Highly volatile and flammable solvents, hence direct or indirect exposure to heat / spark must be avoided.

This product has a shelf life of 18 months from date of manufacture under sealed condition.

Safety

Contains flammable propellant.

Do not puncture or incinerate. The can is under pressure.

Do not spray on naked flame or any incandescent material. Keep away from sources of ignition.

Swallow / Ingestion – Seek immediate medical assistance.

Skin contact – Wash with water and mild soap.

Eye contact – Rinse eyes with cold water for 5-10 minutes and take medical assistance.

Keep away from reach of children.

Spills and disposal

Do not puncture or incinerate the can even when it is used or empty.

In case of material spillage, sweep up and shovel the spilled material. Keep spilled material in suitable, closed containers for disposal. Soak up with an absorbent such as clay, sand or other suitable material. Flush area with water to remove trace residue.

Do not allow the product to reach the sewage system.

Waste must be disposed of in accordance with federal, state or local regulations, as applicable.

Contact

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Note

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