

Supplement to SECTION IV
Material Safety Data Sheet

KRYLON No. 1347 TEM-4 Industrial Strength Spray

FLASH POINT

Because this product is a liquefied compressed gas, flammability cannot be determined or expressed by conventional flash point intended for classification of flammable liquids. Utilizing the flame projection test as described in 16CFR 1500.40 and the interpretation in 16CFR 1500.3(c)(6) (regulations under Federal Hazardous Substances Act) the product is classified as "Extremely Flammable contents of self-pressurized container." Utilizing the flame projection and drum tests as described and interpreted in 49CFR 173.300 (Hazardous Materials Regulations of the Department of Transportation) the product is classified as "Flammable Compressed Gas." These are the officially recognized methods for classifying flammability of aerosol products. Users should be aware of the following:

1. Spray may catch fire from an ignition source within 12 inches of actual spray. A "blowtorch" effect results. This is not harmful to the unit and will not cause it to explode. Simply releasing the spray actuator button extinguishes the flame.
2. In the manner of a low flash point paint, the films formed on a substrate by spraying give off flammable vapors during the drying period. Ignition sources should be kept away. The film is dry to touch in less than 10 minutes and releases only minor amounts of solvent after that time.

FLAMMABLE LIMITS

Actual lower and upper flammable limits are unknown. The following concentration of sprayed product which can be ignited has been determined empirically and is offered as a useful practical value:

Content of 5 thirteen ounce cans per 1000 cubic feet
or Content of 1 thirteen ounce can per 200 cubic feet
or 1.55 grams of content per cubic feet
or 2 seconds of spraying time per cubic foot

GVC

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LUBRICANTS



TEN-4 Industrial Strength Spray

No. 1347
Net Wt. 11 Oz.

Description: A penetrating liquid lubricant with effective corrosion preventive properties packaged as an aerosol in a self-pressurized container.

Functions: Penetrates and lubricates. Chemically resists corrosion of metals. Breaks up and displaces moisture films. Dissolves solvent soluble (oily) soil.

Uses:

- To lubricate, reduce friction, stop squeaks.
- To penetrate, lubricate and free nuts and bolts, frozen or stuck mechanisms, sticking controls or linkages.
- To protect metal surfaces from corrosion, such as tools, dies, freshly machined parts, damaged metal areas awaiting repainting.
- To displace moisture from surfaces and protect from corrosion.
- To displace moisture from electrical equipment and alleviate moisture-caused short circuits, including auto ignition systems, electric motors, electronic systems.
- To clean small items which have oily or greasy soil, and to dissolve road tar spots on automobiles.

Application: Dispenses as a fine, wet spray enabling light even coverage of an area, or can be dispensed through a plastic extension tube permitting placement at a particular spot or into a hard-to-reach place. Sprays best at 60° to 80° F., but spray is acceptable as low as 40° F.

Dispensed Film: A slightly oily film, light amber in appearance only in very heavy application, having properties to lubricate, protect metal from corrosion, and displace moisture.

Removal: If removal is required, just wiping may be found adequate. For complete removal, most available solvents are effective as are cleaner-degreaser mixtures.

Substrates: Not harmful to wood, rubber or most plastics. Test when possible on each new substrate when first used.

Toxicity: Use in accordance with label directions and cautions involves no undue hazards.



All-Purpose Silicone Spray

No. 1325 Pint Size*
No. 1325A 8 oz. Size

- Stops stick, repels water
- Stops friction squeaks

... penetrates deeply and eliminates sticking, and annoying squeaks caused by friction ... drawers, windows, etc. slide easier. Apply to wood, metal, fabric, rubber, leather. Net Weight 10 oz.*



AUTOMOTIVE: Lubricate rubber mountings ... keep rubber gaskets soft and flexible ... protect weather strip insulation. Stop freezing of doors, locks, trunk lids.

All-Purpose Silicone Spray - Technical Characteristics

Description: A dimethyl polysiloxane (silicone) oil in a volatile solvent carrier packaged as an aerosol in a self-pressurized container.

Function: When sprayed on a substrate, the volatile carrier evaporates to leave a thin film of silicone oil. Silicone oil has unique characteristics of lubrication, stability, tenacity, antistick, and water repellency.

Non-Volatile Oil: The non-volatile portion which remains on the substrate after the solvent carrier has evaporated has the following characteristics:

- Colorless. • Stays fluid and useful to as low a temperature as minus 40°F. • Oxidative stability: 1000 hours at 400°F. • Indefinitely long at 300°F. • Excellent lubricant, especially for low friction loads, rolling friction applications, and sliding friction between dissimilar metals. Also excellent on plastic and fiber gears and extruded parts. (Test effect of carrier for possible harm to some plastics.) Useful as a lubricant on rubber. Excellent for wood-to-wood sliding applications. Useful as a general purpose light duty lubricant. • Harmless to rubber. • Non-corrosive to metals. • Repels water. • Resists complete removal. (Scrubbing with detergent may be required to remove traces after solvent flushing.) • Highly antistick: (i.e., acts as a release agent). Waxes, paints, resins will not adhere. • Non-flammable. • Non-toxic. • Dielectric Strength 350 volts/mil. • Volume Resistivity approx. 1×10^{14} ohm-cm. • Dissipation Factor approx. 0.0001 @ 25° c. 10^{-10} Hz. • Dielectric Constant approx. 2.75 @ 25° c. 10^{-10} Hz. (Note: Dielectric strength may reduce to half the above after exposure to air allowing pick up of traces of moisture. Other electric properties may also change.)

Volatile Carrier: Selected for mildness. Harmless to most substrates. (Test on scrap surface to establish compatibility, especially plastics.)

Application: Spray at room temperature.

Food and Drug Application: The non-volatile portion of this product is dimethyl polysiloxane. The federal Food and Drug Administration recognizes a number of uses around food for that material. These permitted uses are described in Title 21 of the Code of Federal Regulations. These Food Additives Regulations are available from the Food and Drug Administration. They permit certain chemicals to be used for certain purposes in prescribed ways. Of special interest in paragraph 178.3570, "Lubricants with incidental food contact," Dimethyl Polysiloxane is permitted for use on food machinery provided not over one part per million finds its way incidentally into the food product.

Uses: Following are a few typical uses which may suggest other possibilities:

- Lubricate dresser drawers. • Lubricate door hinges. • Lubricate locks; helps keep moisture from collecting and freezing locks in cold weather. • Snow shovels; makes wet snow slide off easier. • Trunk lid gasket on automobile; helps it slide into best seal position; helps prevent sticking. • Automobile tires; gives black rubber a beautiful new look. • Fish line and dry flies; repels water, keeps them dry, helps them float. • Fish reels; lubricates whether metal or fiber gears. • Guitar neck; spray and buff for a slick, no crack surface. • Mold release agent. • Antistick for heat seal equipment. • Lubricate chutes for easy slide of boxes, parts, etc.