



Tungsten disulfide based air drying high temperature lubricant and antifriction coating

Product Description

ASV® R 110 is primarily developed for use as a high temperature lubricant for applications where temperatures exceed above +650°C. The formulation of this product on spraying adheres tenaciously to the surface and forms a film offering very good resistance to wear and friction.

Applications

- As a dry film lubricant for components exposed to abrasive or dusty environments as threaded connections, pins, levers, pivots, splines, bolts, chains.
- As a lubricant for components exposed to critical environmental conditions as vacuums, radiation, high temperatures, humidity.
- It is also an effective lubricant for wire drawing, metal forming, cutting, milling, metal working, valve stems, small gears, pins and nozzles, threads, etc.

Benefits

- Air-dries instantly to leave a paint like dry film free from grease and oil
- Does not attract dirt and dust
- Protects surface from wear and friction
- Can be used continuously in air up to +650°C
- Can lubricate up to +1300°C in absence of air or in vacuum conditions
- Can be used as a lubricant under very high pressures and adverse conditions
- Exhibits extremely low coefficient of friction
- Excellent resistance to water, mild acids, alkalis, dirt and dust
- Offers surface protection from corrosion

Directions for Use

Shake the can vigorously for a couple of minutes before spraying till the bearing noise from inside the container is audible. Repeat before every application. Spray onto a clean, dry and degreased surface. Only a thin film of this lubricant is required. Allow solvents to evaporate. Spray from a distance of 20-30 cms. Repeat if necessary. Excess lubricant may fall off during assembly. For cleaning the valve dip-tube after spraying, invert the can and depress the actuator button for a few short bursts till only the clear propellant comes out.

Caution: Contains flammable solvents and propellant. Do not spray near naked flame, hot surfaces or energized equipment. Use with adequate ventilation.

Technical Information

R 110

Spray

Technical Properties

Property	Value
Type	Solid lubricants in inorganic binder and solvent
Appearance - as supplied	Thin liquid
- on curing	Dry paint type liquid
Color	Gray black
Odor	Mild solvent
Density, g/cc	> 1.0
Service temperature range, °C	-250 to +650 in air (solid lubrication up to +1300 in vacuum)
Curing period	Air dries to touch in 1 minute at room temperature and completely to handle in 5 minutes
Recommended film thickness, μ	6-9
Special properties	Good electrical conductivity and chemical resistance
Propellant	Non CFC

* of active ingredients

Available Packaging

- 500 ml aerosol spray

General

Use in well ventilated areas. Avoid continuous breathing of vapor and spray mist. In closed areas or areas with poor ventilation, use respiratory protection. For complete details on safety, short and long term exposure, refer to this product's safety data sheet (SDS).

Disposal

All used and unused product should be disposed of in accordance with state regulations.

Shelf Life

24 months from date of manufacture in sealed condition

Handling

Read instructions on the container label of the product before use. The product safety data sheet (SDS) contains the relevant information regarding personal protective equipment, safe use, physical and health hazards. Safety data sheet is available from ASV or your local ASV distributor.

Limited Warranty

The information and data contained in this sheet is accurate to the best of our knowledge or is obtained from sources, tests or experiences believed by us to be reliable and accurate. User is responsible for determining whether recommended ASV® product is fit for a particular purpose. All products should be tested for suitability on a particular application prior to actual use. We make no representations of any kind. Data offered without warranty.

ASV MULTICHEMIE PRIVATE LIMITED

Registered Office: W 46, TTC Industrial Area, MIDC Rabale, Navi Mumbai-400 701, INDIA

Tel: +91 (022) 2764 2514 | E-mail: info@asvmultichemie.com

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