Pecora® 523

General Purpose Silicone Lubricating Grease

PECORA CORPORATION®

SPECIFICATION DATA SHEET

BASIC USES

- On below-grade applications.
- Vacuum and pressure seals.
- Seals for outdoor electrical and mechanical equipment.
- Valve lubricant and sealant.
- Electrical connections.
- Release agent and lubricant for plastic and rubber parts.
- Concrete dowel lubrication

MANUFACTURER

Pecora Corporation
165 Wambold Road
Harleysville, PA 19438
Phone: 215-723-6051
800-523-6688
Fax: 215-721-0286
Website: www.pecora.com

PRODUCT DESCRIPTION

Pecora 523 is a non-curing grease paste with a tacky and stiff consistency. Pecora 523 has excellent dielectric properties and is useful for protecting and sealing electrical and mechanical equipment.

PRODUCT ADVANTAGES

- Water repellent
- Non-corrosive
- Non-melting heat stable
- Oxidation resistant

LIMITATIONS

- Do not use on surfaces to be painted.
- Not recommended for lubrication between metal-to-metal surfaces.
- Do not use in applications with highly oxidative chemicals, strong acids, or strong bases.

APPLICABLE STANDARDS

- FDA CFR 178.3570 lubricants with incidental food contact.

TECHNICAL DATA

Refer to the Typical Physical Properties table for specific product characteristics.

DIRECTIONS FOR USE

Apply to clean and dry surfaces. Can be applied by hand using a brush or spatula or via automated dispensing equipment.

Cleaning: Pecora recommends mineral spirits, xylene, toluene, or acetone for cleaning of tools and brushes. (Caution: Cleaning solvents may be flammable and toxic. Observe cleaning manufacturers' precautions.)

Precautions: Use protective clothing and eye protection. Use gloves to avoid contact with skin. Avoid ingestion. Wipe up and clean spills immediately to prevent slips and falls.

FOR PROFESSIONAL USE ONLY. KEEP OUT OF THE REACH OF CHILDREN.

AVAILABILITY AND COST

Pecora products are available from stocking distributors nationwide. For the name and telephone number of your nearest representative, call the number below or visit our website at www.pecora.com.

WARRANTY

Pecora Corporation warrants its products to be free of defects. Under this warranty, we will provide, at no charge, replacement materials for, or refund the purchase price of, any product proven to be defective when used in strict accordance with our published recommendations and in applications considered by us as suitable for this product.

PACKAGING

- 50-gallon (189L) drums
- 5-gallon (18.9L) pails
- 1-gallon (3.8L) pails
- 3.2 oz. (30mL) squeeze tube

COLOR

- Translucent White

The determination of eligibility for this warranty, or the choice of remedy available under this warranty, shall be made in our sole discretion and any decisions made by Pecora Corporation shall be final. This warranty is in lieu of any and all other warranties, expressed or implied, including but not limited to a warranty of merchantability or fitness for a particular purpose and in no case will Pecora be liable for damages other than those expressly stated in this warranty, including but not limited to incidental or consequential damages.

TECHNICAL SERVICES

Pecora representatives are available to assist you in selecting an appropriate product and to provide on-site application instructions or to conduct jobsite inspections. For further assistance call the Technical Service Department at 800-523-6688.

TABLE 1: TYPICAL PHYSICAL PROPERTIES

Test Property	Value	Test Procedure
Appearance	Translucent Paste	Pecora Corporation
Worked Penetration	200-280	ASTM D217
Unworked Penetration	180-260	ASTM D217
Bleed after 1 hour @ 200°C	0.5% Max	MIL-S-8660C
Evaporation after 1 hour @ 200°C	1.0% Max	MIL-S-8660C
Specific Gravity	1.0-1.04	Pecora Corporation
Dielectric Constant	2.8 @ 1kHz 2.8 @ 10kHz	ASTM D150
Dissipation Factor	0.001 @ 1kHz 0.002 @ 10kHz	ASTM D150
Service Temperature Range	-40°C to 204°C (-40°F to 400°F)	Pecora Corporation