

TEC-GUARD

CHEMICAL

ASSEMBLY LUBRICANT

Product Description

Tec-Guard Chemical Assembly Lubricant is a water-based product, specially formulated to provide temporary lubrication that makes rubber easy to install, remove, or otherwise manipulate. Tec-Guard Chemical Assembly Lubricant provides a high degree of lubricity when wet, but because it does not contain silicone or other persistent ingredients, once dry, the slipping action goes away. Tec-Guard Chemical Assembly Lubricant is compatible with most metals, plastics, and natural and synthetic elastomers. plastic and sealed. For incompletely sealed systems periodic endoscope inspection and possible re-application may be required. Tec-Guard Chemical Assembly Lubricant is used to install hoses, tires, O-rings, seals, bushings, gaskets, grommets, grips, and many other rubber and plastic parts.

Product Advantages

- Avoid musculoskeletal and slippage related injuries
- Increase production rates
- Achieve closer fits
- Reduce part rejects
- Improve product performance
- Reduce installation forces
- Biodegradable
- Non-flammable, non-toxic, non-corrosive

TYPICAL PHYSICAL PROPERTIES	VALUES
Description	Synthetic esters emulsified in water
Appearance	Milky white to beige
Odor	Mild
Viscosity, cps @ 25°C	150
Estimated minimum dry time	1 hour
Biodegradable	Yes
Sprayable	Yes
% Reduction in friction	~70%
pH	8.4

TYPICAL PHYSICAL PROPERTIES	VALUES
Freezing point °C	0.0
Flash point	None
Storage temperature °C	2° - 30°
Specific gravity	0.98
Environmental Compliance	Complies with RoHS and REACH (SVHC: none). Cobalt-free; Conflict mineral-free
Prop 65	Exempt
% VOC by Volume:	0/7%

Note: Tec-Guard makes no warranty or representation either expressed or implied, including warranty of merchantability or fitness concerning this product except that it conforms to the chemical description on the label. All risks resulting from the use of this product are to be borne by the buyer at its sole expense. Neither Tec-Guard nor the seller shall be responsible in any manner for any personal injury or property damage, or other type of loss resulting from the handling, storage, or use of this product

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Handling

Before dispensing Tec-Guard Chemical Assembly Lubricant from drums, mix with a clean recirculation pump or folding propeller mixer for 5 minutes to ensure a homogenous mixture is drawn off. If a hold tank is used, agitate the lubricant before it is fed to assembly equipment. Smaller containers should be shaken or stirred prior to use. Never use air agitation. Bubbling compressed air through Tec-Guard Chemical Assembly Lubricant may cause separation or spoilage. Do not mix Tec-Guard Chemical Assembly Lubricant with other chemicals. Do not dilute with water. Store Tec-Guard Chemical Assembly Lubricant in a sealed container when not in use. Do not pour dispensed product back into the original container. Use at room temperature.

Storage

Do not freeze. Tec-Guard Chemical Assembly Lubricant should be stored at temperatures between 2° – 30° C (36° – 86° F) in the original sealed container. Do not store outdoors in direct sunlight during warm weather. The shelf life of Tec-Guard Chemical Assembly Lubricant is 2 years from the manufacturing date.

Sewage Disposal

Contents may be disposed of according to local, state and federal regulations. Completely emptied packages can be recycled.

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