PRODUCT DATA SHEET

278

Super Solv

TECHNICAL CHESTERTON® PRODUCTS

Description:

Chesterton® 278 Super Solv is the strongest solvent based cleaner in the Chesterton line. It is designed for those applications where only chlorinated solvents or aromatics previously worked.

It will remove most adhesives, epoxies, resins, and tars. Chesterton 278 Super Solv will even attack baked on gums and polymers.

Chesterton 278 Super Solv was formulated with the dual goals of strength and safety. This is evidenced by several of the product's features:

1) A flash point of 107°C (225°F). Risk of flammability when using Chesterton 278 Super Solv is considerably minimized.
2) No chlorinated solvents - no ozone depleting potential and none of the health risks associated with such solvents.
3) Low aromatic content - the raw materials used in 278 Super Solv are not naphthenic but rather based on the synergistic cleaning effect of several polar and non-polar solvents.

Chesterton 278 Super Solv can be used in the plant with confidence that virtually all the most difficult industrial soils will be attacked, yet worker safety and the environment will not be compromised.

Composition:

Chesterton 278 Super Solv is a formulation engineered with some of the same chemical makeup as that found in resin technology. This means that it will effectively attack epoxies*, adhesives, gums, and other polymers. It also contains significant non-polar character giving it superior grease and oil cutting ability.

Typical Physical Properties:

Appearance		Clear, Transparent
Flash Point, Pensky Martens	(ASTM D 93-85, DIN 51 755)	107°C (225°F)
Dielectric Strength	(ASTM D 877)	>28 Kv
Aromatic Content ($C8^+$) weight %		< 0.5
Percent Volatile by Volume @ 25°C (77°F)		100%
Solubility in Water		Negligible
Density		0,9 kg/l (7.2 lb/gal)
Specific Gravity		0.9

Chesterton 278 Super Solv is a concentrate. Depending on user requirements, it can be diluted up to ten times with a hydrocarbon solvent such as Chesterton® 274 Industrial Degreaser. This means that the product can be economically used diluted in such applications as simple cleaning of oils and greases, but can be applied full strength when nothing else will work on a particular problem soil. Users should assume that when used concentrated, it will attack most polymeric materials, and caution should be exercised if it is coming in contact with materials edged in rubber or plastic.

Chesterton 278 Super Solv is the product to choose when soils cannot be easily removed with conventional petroleum based solvents.

* Uncured

Features:

- Flash Point 107°C (225°F)
- Low Aromatic Content
- Low Evaporation Rate
- Safe For Use On All Metals
- Dissolves Resins, Viscous Polymeric Materials, Epoxies, Adhesives
- Contains No Ozone Depleting Substances

Directions:

Chesterton® 278 Super Solv can be used as received or diluted up to 10:1 with a hydrocarbon solvent.

Extreme caution must be exercised when using the concentrate on painted surfaces, plastic or rubber; 278 Super Solv was designed to remove such polymeric materials. If the product is in contact with the surface for a brief period of time, it may be acceptable, but a sample of the 278 Super Solv should be placed on a non-critical area for at least 15 minutes to ensure that no damage has occurred. If damage has occurred, do not use the product.

For non-polymeric materials, apply the product directly to the surface to be cleaned or immerse the part or equipment directly in 278 Super Solv. Allow a short time for 278 Super Solv to attack the soil. In some cases, with stubborn deposits mechanical action should be used. Wipe the part or equipment with an absorbent wiper or allow the part or equipment to air dry. Superior results can be obtained by rinsing the part or equipment with fresh Chesterton 278 Super Solv prior to wiping or air drying. The rate of air drying can be increased by blowing clean air across the surface.

Determine if relubrication is necessary before returning to service.

Storage:

Chesterton 278 Super Solv should be stored at temperatures below 49°C (120°F) and away from potential ignition sources. The product shelf life is two years from date of manufacture in unopened containers.

Safety:

Before using product, review the Material Safety Data Sheet (MSDS) or the appropriate safety sheet for your area.

TECHNICAL
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PRODUCTS

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