



## SOVEREIGN CHEMICAL COMPANY

1225 West Market St., Akron OH 44313

Phone: 330-869-0500, Fax: 330-869-0518

www.sovchem.net

# Ribetak<sup>®</sup> 7522 Flake

<b>Manufacturer:</b>	SI Group
<b>Classification:</b>	Thermoreactive p-alkyl-phenol formaldehyde adhesive resin
<b>Chemical Composition:</b>	p-t-Butylphenol formaldehyde polymer

### Physical Data

Specification Properties	Value	Test Method
Softening point	110-120°C	03660 Ring & Ball
Methylol content	11-14%	03260

### Typical Properties

Physical Form	Flakes	Visual
Density	1.00-1.05	01310
Color	Yellow	Visual

SI Group test methods are available upon request.

### Applications

**Uses:** Ribetak<sup>®</sup> 7522 Flake is a thermoreactive resin with Ring & Ball of 110-120°C. Mainly used in solvent based polychloroprene or nitrile adhesives. Ribetak<sup>®</sup> 7522 Flake gives excellent green tack, cohesive strength, light color, good heat resistance and excellent storage properties

**Solubility:** Ribetak<sup>®</sup> 7522 Flake has excellent solubility in aromatic hydrocarbons, chlorinated solvents, ketones and esters.

### Processing

**Direct Dissolving:** All the components of the adhesive are dissolved in one step. The complex resin-magnesia is formed in situ during storage.

**Pre-reaction:** More often, however, the resin is put into solution in a mixture of solvents and is pre-reacted with the magnesia (high activity type) in the presence of water which acts as a catalyst. A level of 2 parts water per 100 parts of resins is recommended. One must take into account the amount of water contained in industrial solvents. The formation of the resin-magnesia complex during the pre-reaction results in a color change and a slight increase in temperature and depends on the following parameters:

- Reactivity of the magnesia
- Solvents system
- Temperature and time of pre-reaction
- Percentage of water

The process with pre-reaction yields adhesives with a higher heat resistance and better storage stability.

### Packaging and Storage

**Packaging:** 25 Kg (55.1 lb.) bags on 1000 Kg net polyethylene-wrapped pallets.

**Shelf Life:** 18 months from date of manufacture if stored as indicated below.

**Storage:** Store in cool, dry storage area in original packaging.

Specification Date: June 28, 2006 (supersedes: August 26, 2005)