EASTMAN

Technical Data Sheet

Dresinate™ TX Rosin Soap

Applications

- Adhesives/sealants-b&c
- Bookbinding
- Caps & lids non-food contact
- Carpet construction
- Case & carton sealing closings
- Commerical printing inks
- Concrete
- Film modification
- Labels non food contact
- Packaging component films
- Packaging components non food contact
- Packaging tape
- Paints & coatings
- Polymer modification
- Protective coatings
- Road markings
- Roofing ingredients
- Solder flux
- Specialty tape
- Tape non food contact
- Tires
- Wax ingredients
- Wire/cable

Key Attributes

- Dry, free flowing powder
- Fully saponified sodium salt of tall oil
- Readily dissolves in water

Product Description

Dresinate™ TX tall oil soap is a free flowing solid, fully saponified sodium soap of tall oil. It is designed mainly as an emulsifier promoting detergent or cleaning activity, particularly in highly built industrial metal cleaners.

Typical Properties

Property[a]	Typical Value, Units[b]
General	
Soap Type	Sodium
Total solids content	96 %
Water Content	4 %
pH of water solution	
@ 0.5%	9.1
@ 5.0%	9.4
Appearance	Small flakes
Color	brown
Acid Number (min.)	0.5

[a] *Unless noted otherwise, all tests are run at 23°C (73°F) and 50% relative humidity.*
[b] *Units are in SI or US customary units.*

Compatibility and Solubility

Compatible in built cleaner products with sodium hydroxide, sodium carbonate, sodium metasilicate, sodium orthosilicate, trisodium phosphate, polyphosphate sequestering agents, and synthetic wetting agents.

Soluble in water and aqueous solutions of alcohols and glycols. For example, a 10% concentration in water at 70°F (21°C) can be prepared in less than 10 minutes by slowly adding the Dresinate TX tall oil soap to agitated water.

Packaging

Powder; in multiwall, moisture resistant paper bags (40 lbs, 18.1 kg, net wt). See SDS for additional property and handling information.

Storage

Due to the thermoplastic behavior, pastillated and flaked resins may fuse, block or lump. This can be accelerated under any of the following conditions: 1) above ambient temperature, 2) prolonged storage, 3) pressure, e.g., stacking pallets, or a combination of these conditions. This is particularly applicable for low softening point resin grades.

In order to maintain the flake or pastille shape, we therefore recommend storing the material in a temperature-controlled area, be careful with stacking material or applying pressure and preventing prolonged storage.

It should be noted that lumping does not have a negative impact on the product specifications. Due to the nature of the product, claims regarding lumping cannot be accepted.

Resins are prone to gradual oxidation, some more so than others. This could result in darkening and/or it could have an adverse effect on the solubility of the resin in organic solvents or on its compatibility with polymers. Accordingly, it is recommended that strict control of inventory be observed at all times, taking care that the oldest material is used first.

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