

Emerald Performance Materials offers a range of delayed-action sulfenamide accelerators under the Cure-Rite[®] brand name. Sulfenamides affect vulcanization parameters (scorch delay, cure rate, etc) and physical properties of the vulcanizate (modulus, elasticity, cross-link density, etc). Cure-Rite[®] sulfenamides are offered in powder, flake and pellets which deliver low dust, high actives, low friability and good dispersion properties. Cure-Rite[®] sulfenamides are best stored in conditions which are cool (<30° C) and dry (<60% RH); and are most effective if used within 6 months of date of manufacture.

Specific properties for Cure-Rite[®] MBDS are listed below.

PRODUCT DESCRIPTION

- Powder, light yellow in color

FEATURES

- Sulfur donor
- Longest scorch delay
- Non-staining & non-discoloring

BENEFITS

- Tough, tear-resistant vulcanizates
- Short Sulfur cross-links
- Superior heat resistance in NR vulcanizate
- Sulfenamide with better shelf-stability

APPLICATIONS

- Heavy duty tires and rubber goods (aviation, military, off-road, etc)
- Silica-loaded SBR (tires, industrial)

TYPICAL PROPERTIES

- Assay >93.0%
- Ash <1.0%
- Moisture <0.5%

STORAGE/HANDLING

Optimal product performance is attained, if MBDS is used within 12 months from manufacturing date. MBDS should be stored in a location that is cool and dry. Read the MBDS Material Safety Data Sheet before handling, storing, or using.

PACKAGING/DELIVERY

Available in paper bags

To obtain samples, discuss your application, or gather more details on Cure-Rite[®] MBDS, or any other Cure-Rite[®] product, please log onto our website at www.emeraldmaterials.com, or contact us directly at 888.889.9150.

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