



**Cure-Rite® BBTS**  
**N-tert-Butylbenzothiazole-**  
**2-sulfenamide**  
**TECHNICAL DATA SHEET**

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

***Specific properties for Cure-Rite® BBTS are listed below.***

**PRODUCT DESCRIPTION**

- Solid, tan or gray in color
- Pellet or powder

**FEATURES**

- Good scorch safety
- Fast cure rate
- Higher cross-link density
- Non-staining & non-discoloring

**BENEFITS**

- Equivalent performance at lower loading versus CBS
- Synergistic w/ secondary accelerators

**APPLICATIONS**

- Tire manufacturing and re-treads
- Conveyor/Power/Transmission Belts
- Wire & Cable extruded products
- Intricately shaped molded goods

**TYPICAL PROPERTIES**

Assay	>93%
Ash	<0.3%
Methanol Insolubles	<0.5%
Free Amine	<0.3%
Moisture	<0.3%

**STORAGE/HANDLING**

Optimal product performance is attained, if BBTS is used within 6 months from manufacturing date. BBTS should be stored in a location that is cool and dry. Read the BBTS Material Safety Data Sheet before handling, storing, or using.

**PACKAGING/DELIVERY**

Available in paper and bulk bags.

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

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