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RUBBER CHEMICALS

-ACCELERATORS-

ALDEHYDE AMINES

ACCELERATOR 40B

DESCRIPTION:

Accelerator 40B is a moderate secondary accelerator in combination with thiazoles and sulfenamides in natural or synthetic rubbers. Used alone it is excellent for accelerating the cure of hard rubber (ebonite) because of the quick set-up (fast scorch) but slow development in cure rate that prevents the exothermic reaction that occurs in thick, hard-rubber parts.

Accelerator 40B can also be used as part of a thiadiazole cure system in CPE (along with magnesium hydroxide and a thiadiazole like Echo S). It also has FDA acceptability under Section 177.2600, Rubber Articles Intended for Repeated Food Contact (it does, however, result in a somewhat bitter taste in products)

Vulcanizates produced with Accelerator 40B have outstanding mechanical properties. For this reason it is preferred for products that are subjected to severe dynamic stress. Natural rubbers have little tendency to reversion.

TYPICAL PROPERTIES:

Appearance	Dark Amber Liquid
Flash Point	200°F
Viscosity at 25°C	70 - 90 cps
DHP (Dihydropyridine) %	40 +/- 3
Odor.	Aromatic
Specific Gravity	0.98 - 1.00
Storage Stability	Excellent in the absence
(Keep drum closed tightly when not using)	of air

PACKAGING:

30 gallon and 55 gallon drums. Other packaging available upon request.

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