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RUBBER CHEMICALS -RETARDERS-

RETROCURE® G

(Blend of 4- and 5- methylbenzotriazole (tolyltriazole))

DESCRIPTION:

Retrocure® G is a pre-vulcanization retarder for sulfur modified (G type) polychloroprene rubbers (CR) but not for mercaptan modified grades (W type). It is also extremely effective in halobutyl rubbers (CIIR, BIIR).

TYPICAL PROPERTIES:

Physical Form	Light beige granules
Active substance content	98.0% min.
Specific gravity @ 73 F/23 C	1.24
Melting point	184°F (85°C)

APPLICATION:

Retrocure® G is easily incorporated into rubber compounds. It effectively improves the scorch safety and bin storage stability of sulfur modified polychloroprene stocks with or without additional accelerators, such as ETU. Also, the scorch of nitrile rubber compounds with MBTS/sulfur vulcanization systems is improved significantly. Halobutyls are retarded with minimal loss of cure state or time to full cure. Typical levels of addition based on 100 parts by weight of elastomer are 0.5 - 1.0 phr for polychloroprene and 0.2 - 0.5 phr for nitrile rubber.

Rubber goods containing Retrocure® G have not been found to discolor or stain when used as recommended. Also, the mechanical properties of rubber compounds are practically not affected, including flexcracking and heat build-up properties. Due to the fairly high melt point, Retrocure® G should not be added on a mill.

PACKAGING:

Retrocure® G is packaged in 55.1 pound fiber drums.

RETROCURE G (ST#-69538) TLM 6-4-2019

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