



Tiarco Chemical Europe GmbH



TRCC Europe GmbH

Technical Data Sheet

OCTOCURE ZnO-60

curing agent for latex

CHEMICAL DESCRIPTION:

Zinc oxide (ZnO)
CAS: 1314-13-2
EINECS : 215-222-5

PHYSICAL FORM:

low viscous aqueous, liquid dispersion

SPEZIFICATION (TYPICAL PROPERTIES)

Appearance:	Odourless White Liquid
Viscosity (dPs):	50 (+ / - 25)
pH:	8.5 – 11.0
Specific Gravity:	2.2 - 2.4
TSC (%):	62 (+ / - 2)
Solubility:	Miscible in Water
Particle Size:	d95 < 1.0µ

PRODUCT DESCRIPTION:

OCTOCURE ZnO-60 is a 60% active, aqueous, finely ball-milled dispersion of zinc oxide. The dispersion is used as an activator of the vulcanizing process in non gel foam systems and in the gelling process in ammonium acetate gel foam systems and SSF gel foam systems.

Stabiliser in Water Based Contact Adhesives and can provide Preservative properties in Paper & Wood applications.

It is readily incorporated directly into latex emulsion compounds. OCTOCURE ZnO-60 is a commonly used ingredient for the pigmenting and vulcanizing of latex rubber.

For every application the optimal dosage should be determined on lab scale.

Recommended use level is 1.0 - 4.0 parts per hundred based on dry weight for the vulcanization of SBR and Natural Rubber Latex.

OCTOCURE ZnO-60 conforms to FDA 21CFR 177.2600 (Rubber Articles intended for Repeated Use).

STORAGE AND HANDLING:

Containers should be kept tightly closed. Contents should be stirred using mechanical agitation prior to use. Protect from freezing. Store between +5°C and +40°C.

Shelf life: min. 6 months in closed containers under described conditions.

PACKING:

125, 200 KG drum, 1MT IBC

The information provided herein is believed to be reliable; however, no guarantees are made or liability assumed.
Tiarco Chemical / TRCC makes no claims or warranties concerning the suitability of the product for a particular use or purpose.
Possible patent rights, laws and regulations have to be observed on the recipients own responsibility.

Am Gut Baarking 12, D-46395 Bocholt; Tel.: +49 2871 234 76 0; Fax: +49 2871 234 76 44