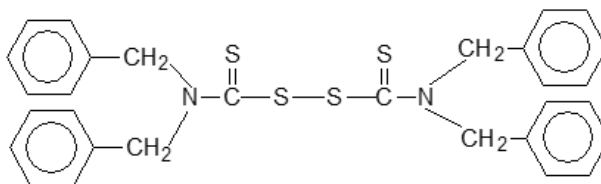


TBzTD (Thiuram Accelerator)

- TETRABENZYL THIURAM DISULFIDE
- $C_{30}H_{28}N_2S_4$
- Molecular Weight: 544
- CAS: 10591-85-2
- EINECS: 404-310-0
- REACH: 01-2119846995-18-0001



PRODUCT	Purity (%)	Melting point (°C) min*	Specific gravity*	Natural color	Appearance	Oil (%)	Remarks
TBzTD C	95	125	1.12	Beige**	Minimum dusting material	1-2	Non-staining
TBzTD PD	96					-	

C: Coated powder / PD: Powder

*Typical values / ** Depending on natural variation of TBzTD

PROPERTIES

Ekaland™ TBzTD is a safe and fast primary thiuram accelerator for NR, IR, BR, SBR and NBR. It used as a secondary accelerator too. In NR, in association with CBS, it is better in reversion and heat build-up than TMTD and it has a longer scorch time.

In EPDM, it is a good booster when is combining with other accelerators. In mercaptan modified CR, it is a scorch retarder when it is used with thioureas.

As a safe thiuram, it can replace TMTD. Generally, 1phr of TMTDà 2phr of TBzTD. An addition of ~ 0.3phr of ZBEC exhibits to reach similar curing time.

In thick rubber parts, Ekaland™ TBzTD improves antireversant effect of HTS or Vultac. For compound containing a high level of silica, it increases filler rubber bound.

Ekaland™ TBzTD could be used also in devulcanization process for reclaiming uses with addition of sulfur, stearic and ZnO. For latex application, Ekaland™ TBzTD, gives slow cure and long scorch with synergitic effect with thioureas and Z-DTC.

APPLICATIONS

General rubber goods: latex articles, articles requiring a good heat resistance, wire and cable, coated fabric, thick moulded articles etc...

PACKAGING & STORAGE

Paper bag weight: 20 kg net
Standard CP1 pallet: 500 kg net

Shelf-life: **2 years** in its original packaging

Store in a dry and cool place and away from direct sources of heat or sunlight.

Stacking of 2 pallets of this material and/or storage exceeding 35°C can result an unusual compaction of the powder.

SAFETY & TOXICITY

For detailed information, please refer to our Material Safety Data Sheet.

NITROSAMINE SAFE

TBzTD is also available in masterbatch form, under the MIXLAND+® brand name, offering a reduction of industrial hygiene problems and different technical benefits

The information contained in this leaflet is based on tests carried out by our laboratories and data selected from the literature but shall in no event be held to constitute or imply any warranty or undertaking. No liability whatsoever can be accepted with regard to the handling, processing or use of the products concerned, which must in all cases be employed with regard to all relevant regulations and/or legislation in the country or countries concerned.

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TECHNICAL DATA SHEET

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ARKEMA

DISCLAIMER FOR MEDICAL DEVICE POLICY

The product described in the brochure is not Medical grade designated for Medical Device applications.

Arkema general Medical Devices Policy

Arkema has implemented an internal Medical Policy regarding the use of Arkema products in Medical Devices applications that are in contact with the body or circulating bodily fluids. Arkema has designated Medical grades to be used for such Medical Device applications. Products that have not been designated as Medical grades are not authorized by Arkema for use in Medical Device applications that are in contact with the body or circulating bodily fluids. In addition, except for limited cases as determined by the Medical Device Policy, Arkema strictly prohibits the use of any Arkema products in Medical Device applications that are implanted in the body or in contact with bodily fluids or tissues for greater than 30 days. For any use of Arkema's product in Medical Device applications, please contact Arkema's sales network.