

Technical Data Sheet

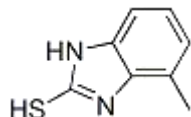
TDS NO.: HSM MMB

Revision Date: 07/05/2020



2-Mercaptomethylbenzimidazole

Chemical Structure:



Typical Physical Properties

Product No.:	HSM MMB
Chemical Name:	2-Mercaptomethylbenzimidazole
CAS No.:	53988-10-6
EINECS No.:	258-904-8
Molecular Formula:	C ₈ H ₈ N ₂ S
Molecular Weight:	164.23
Appearance:	Gray-white powder(granule)

Safety

Risk Statements :	20/21/22-36/37/38
Safety Statements :	26-36
UN No.:	UN2811

Application

It can be used for natural and synthetic rubbers; when it is used for non sulfur curing system, it can achieve good heat resistance; also used as vulcanizing accelerator for chloroprene rubber and as size 的 heat sensitizing agent for size. It can not only be used for white or light-colored products, but also all rubber products; should not be used for food processing.

Properties

Gray-white powder. No smell but taste bitter. The density is 1.33. Soluble in alcohol, acetone, ethyl acetate, slightly soluble in petroleum ether, CH₂Cl₂, insoluble in CCl₄, benzene and water. Good stabilization storage ability. As second anti-degradant without poison.

Packing and Storage

Packing: 25kg plastic woven bag, paper with plastic film bag, kraft paper bag.

Storage: The product should be stored in the dry and cooling place with good ventilation, avoiding exposure of the packaged product to direct sunlight. The validity is 2 year.