

1. Identification of Substance and Company	
Product Name	: SIN RUBTECH® POLYMER BOUND PREDISPERSED MBT – 80G
Trade Name	: MBT – 80G
Manufacturer	: UA Rubber Speciality Chemical Sdn. Bhd.
Supplier	: Sin Rubtech Consultancy Sdn. Bhd.
Address	: 10-12 Jalan Industri Cherok To’Kun 2, Taman Industri Cherok To’Kun, 14000 Bukit Mertajam, Seberang Prai Utara, Penang, Malaysia.
Telephone	: 604 – 5511804
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Website / E-Mail	: www.sinrubtech.com / marketing@sinrubtech.com

2. Composition / Information on ingredients	
A proprietary predispersed 80% of 2-mercaptobenzothiazole in a 20% elastomeric / processing aids binder.	
CAS No MBT	: 149 – 30 – 4
Hazard Symbol	: Xi
Binder	: Trade Secret
R phrases	: 20/22 & 43

3. Hazards Identification	
Hazard Designation	: Non-Hazardous.
Health Hazards	: -
Inhalation	: Not applicable at ambient temperatures.
Skin Contact	: Avoid direct contact. Can cause irritation.
Eye Contact	: Can cause irritation
Ingestion	: Unlikely to be harmful unless excessively taken.

4. First-aid Measures	
Inhalation	: After inhalation of vapours during processing remove to fresh air.
Skin Contact	: Wash with plenty of water and soap.
Eye Contact	: Wash with plenty of water and obtain medical attention if any sensation persists.
Ingestion	: Remove material from mouth. Wash with water. If large amounts swallowed or symptoms develop seek medical attention.

5. Fire-fighting Measures	
Extinguishing Media	: Water spray, foam, carbon dioxide, dry chemicals.
Special Protective Equipment	: Protective clothing and self-contained breathing equipment should be available for firemen.

6. Accidental Release Measures	
Methods for Cleaning / Collecting	: Sweep up and transfer product to a suitably labelled container and dispose at an approval site.
7. Handling and Storage	
Handling	: No special precautions necessary but normal industrial good housekeeping practices should be followed as for any rubber additive.
8. Exposure Controls / Personal Protection	
General Precautions	: Good industrial hygiene should be followed.
Ventilation	: Adequate ventilation should be maintained when handling heated product.
Occupational Exposure Limits	: See item 15.
Personal Protective Equipment	: Normal precautions should be observed as for handling all chemicals.
9. Physical and Chemical Properties	
Form/Colour/Odour	: Granules / Beige / Faint
pH	: Not Applicable.
Boiling Point	: Not Applicable.
Solidif./Melting Point	: Not Applicable.
Flash Point	: Not Applicable.
Auto-ignition Temp.	: > 200oC
Explosive/oxidizing properties	: Not to be expected.
Vapor pressure (mbar/208C)	: Not Applicable.
Density (g/cm ³)	: 1.18 Approx.
Solubility in Organic Solvents	: Aromatic.
Solubility in Water	: Insoluble.
10. Stability and Reactivity	
Stability	: Stable under normal conditions.
Conditions to Avoid	: -
Materials to Avoid	: Strong oxidising agents.
Hazardous Decomposition Products	: Oxides of carbon, nitrogen and sulphur.
Hazardous Polymerisation	: Will not occur.

11.	Toxicological Information
According to experience, no harmful effects are to be expected under proper handling conditions.	
12.	Ecological Information
Degradability : Not Biodegradable.	
13.	Disposal Consideration
Waste Disposal Method : Incinerate according to local regulations	
Contaminated Container Disposal : Observe local regulations. Treat container and waste material as hazardous.	
14.	Transport Information
Not classified in RID/ADR - ADNR - IMDG - ICAO/IATA - DGR.	
15.	Regulatory Information
Labelling in accordance with Annex T of directive 57/548/EEC and its amendments and adaptations:	
<u>Symbol</u>	<u>Hazard Description</u>
Xi	: Irritant
Contains	: 2, mercaptobenzothiazole (MBT)
<u>Risk phrase(s)</u>	<u>Definition</u>
R 20/22	: Harmful by inhalation and if swallowed.
R 43	: May cause sensitization by skin contact.
<u>Safety phrase(s)</u>	<u>Definition</u>
S 36/37	: Wear suitable protective clothing and gloves.
16.	Other Information (training needs, possible restrictions, data sources, etc)
Data Sources : Sin Rubtech Consultancy Sdn. Bhd.	
Department issuing MSDS : Technical Department.	
Contact : Sin Yoong Leong. Technical Manager	

Disclaimer

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