

1. Identification of Substance and Company	
Product Name	: SIN RUBTECH® POLYMER BOUND PREDISPERSED PEPTSIN SG
Trade Name	: PEPTSIN SG
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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2. Composition / Information on ingredients	
A proprietary combination of a chemical peptiser, O, O' - dibenzamidodiphenyl disulphide with an organic metallic catalyst, mechanical peptiser & surfactant in an elastomeric binder.	
CAS No	: 135 - 57 - 9
Hazard Symbol	: Xi
R phrases	: 20/22, 36/37

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

4. First-aid Measures	
Inhalation	: After inhalation of vapors 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 / Bluish / Faint
pH	: Not Applicable.
Boiling Point	: Not Applicable.
Solidif./Melting Point	: Not Applicable.
Flash Point	: Not Applicable.
Auto-ignition Temp.	: > 2008C
Explosive/oxidizing properties	: Not to be expected.
Vapor pressure (mbar/208C)	: Not Applicable.
Density (g/cm ³)	: 1.20 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	
No particular problem in normal use. LD 50 > 300 mg/kg (by the abdominal injection to a mouse)	

12. Ecological Information	
Degradability	: Not biodegradable.

13. Disposal Consideration	
Waste Disposal Method	: Incinerate according to local regulations
Contaminated Container Disposal	: Observe local regulations.

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
<u>Risk phrase(s)</u>	<u>Definition</u>
R 20/22	: Harmful by inhalation and if swallowed.
R 36/37	: Irritating to eyes and respiratory system.
<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

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