

1. Identification of Substance and Company	
Product Name	: SIN RUBTECH® POLYMER BOUND PREDISPERSED SHPP – 50G
Trade Name	: SHPP – 50G
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
Fax	: 604 – 5514804
Website / E-Mail	: www.sinrubtech.com / marketing@sinrubtech.com

2. Composition / Information on ingredients	
A proprietary predispersed 50% Steric Hindered Polyphenol antioxidant in a 50% elastomeric / processing aids binder.	
CAS No	SHPP : 68610 – 51 – 5
	Hazard Symbol : -
Binder	: Trade Secret
	R phrases : -

3. Hazards Identification	
Hazard Designation	: Non - Hazardous.
Health Hazards	: -
Inhalation	: Not applicable at ambient temperatures.
Skin Contact	: Unlikely to be irritant.
Eye Contact	: Unlikely to be irritant.
Ingestion	: Unlikely to be harmful.

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.

Source of steric hindered polyphenol antioxidant is NAFTONOX ZMP from Chemetall Gesellschaft and the polymer bound form is manufactured under license by UA Rubber Speciality Chemical Sdn. Bhd.

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	: 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 / Cream / Faint
pH	: Not Applicable.
Boiling Point	: Not Applicable.
Solidif./Melting Point	: > 90°C
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)	: 0.97 Approx.
Solubility in Organic Solvents	: Soluble in acetone, ethylacetate, ethanol & methylene chloride.
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
Non toxic.	
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>
None	: -
<u>Risk phrase(s)</u>	<u>Definition</u>
None	: -
<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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