

<b>1. Identification of Substance and Company</b>	
Product Name	: SIN RUBTECH® POLYMER BOUND PREDISPERSED ZnOA – 80G
Trade Name	: ZnOA – 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
Fax	: 604 – 5514804
Website / E-Mail	: www.sinrubtech.com / marketing@sinrubtech.com

  

<b>2. Composition / Information on ingredients</b>	
A proprietary predispersed 80% Zinc Oxide Active in a 20% elastomeric / processing aids binder.	
CAS No	ZnOA : 1314 – 13 – 2
	Hazard Symbol : -
	Binder : Trade Secret
	R phrases : -

  

<b>3. Hazards Identification</b>	
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.

  

<b>4. First-aid Measures</b>	
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.

  

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

<b>6. Accidental Release Measures</b>	
Methods for Cleaning / Collecting	: Sweep up and transfer product to a suitably labelled container and dispose at an approval site.

<b>7. Handling and Storage</b>	
Handling	: Normal industrial good housekeeping practices should be followed as for any rubber additive.

<b>8. Exposure Controls / Personal Protection</b>	
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.

<b>9. Physical and Chemical Properties</b>	
Form/Colour/Odour	: Granules / White to Pale Yellow / 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 <sup>3</sup> )	: 2.34 Approx.
Solubility in Organic Solvents	: Slightly soluble in organic solvents.
Solubility in Water	: Insoluble.
Max. Lead %	
In Active Ingredient	: 0.00200
In ZnOA – 80G	: 0.00160
Max. Cadmium %	
In Active Ingredient	: 0.00050
In ZnOA– 80G	: 0.00040

<b>10. Stability and Reactivity</b>	
Stability	: Stable under normal conditions.
Conditions to Avoid	: -
Materials to Avoid	: Strong oxidising agents.
Hazardous Decomposition Products	: Oxides of carbon.
Hazardous Polymerisation	: Will not occur.

<b>11. Toxicological Information</b>	
Non toxic.	

<b>12. Ecological Information</b>	
Degradability	: Not biodegradable

<b>13. Disposal Consideration</b>	
Waste Disposal Method	: Incinerate according to local regulations
Contaminated Container Disposal	: Observe local regulations.

<b>14. Transport Information</b>	
Not classified in RID/ADR - ADNR - IMDG - ICAO/IATA - DGR.	

<b>15. Regulatory Information</b>	
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.

<b>16. Other Information (training needs, possible restrictions, data sources, etc)</b>	
Data Sources	: Sin Rubtech Consultancy Sdn. Bhd.
Department issuing MSDS	: Technical Department.
Contact	: Sin Yoong Leong. Technical Manager

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