

| 1. Identification of Substance and Company | |
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| Product Name | : SIN RUBTECH® POLYMER BOUND PREDISPERSED S – 80G |
| Trade Name | : S – 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 |

| 2. Composition / Information on ingredients | |
|---|------------------------|
| A proprietary predispersed 80% soluble rhombic sulphur in 20% elastomeric / processing aids binder. | |
| CAS No | S : 7704 - 34 - 9 |
| | Hazard Symbol : Xi, |
| Binder | : Trade Secret |
| | R phrases : 10, 22, 36 |

| 3. Hazards Identification | |
|----------------------------------|--|
| Hazard Designation | : Flammable. |
| 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 | : Not applicable at ambient temperatures. |
| 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 | |
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| 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 | |
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| Methods for Cleaning / Collecting | : Sweep up and transfer product to a suitably labelled container and dispose at an approval site. |

| 7. Handling and Storage | |
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| Handling | : No special precautions necessary but normal industrial good housekeeping practices should be followed as for any rubber additive. |

| 8. Exposure Controls / Personal Protection | |
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| 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 / 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 ³) | : 1.46 Approx. |
| Solubility in Organic Solvents | : Insoluble. |
| Solubility in Water | : Insoluble. |

| 10. Stability and Reactivity | |
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| Stability | : Stable under normal conditions. |
| Conditions to Avoid | : Keep away from sources of ignition. |
| Materials to Avoid | : Combustible materials and strong oxidising agents. |
| Hazardous Decomposition Products | : Oxides of carbon, nitrogen and sulphur. |
| Hazardous Polymerisation | : Will not occur. |

| 11. Toxicological Information | |
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| According to experience, no harmful effects are to be expected under proper handling conditions. Sulphur can however cause irritation and soreness to skin and eyes with long term exposure. However chemicals are not readily available as they are bound within the Polymer Matrix. | |

| 12. Ecological Information | |
|-----------------------------------|-----------------|
| Degradability | : Not available |

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

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

| 15. Regulatory Information | |
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| 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 | : Sulphur. |
| <u>Risk phrase(s)</u> | <u>Definition</u> |
| R 10 | : Flammable. |
| R 22 | : Harmful if swallowed. |
| R 36 | : Irritating to eyes. |
| <u>Safety phrase(s)</u> | <u>Definition</u> |
| S16 | : Keep away from sources of ignition - No smoking. |
| S 36/37 | : Wear suitable protective clothing and gloves. |

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

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