

1. Identification of Substance and Company	
Product Name	: SIN RUBTECH® POLYMER BOUND PREDISPERSED SRT #3
Trade Name	: SRT #3
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 combination of thiazole, thiuram, dithiocarbamate and thiourea in an elastomeric / processing aids binder.	
CAS No	Binder : Trade Secret
Hazard Symbol	: T
R phrases	: 22, 61

3. Hazards Identification	
Hazard Designation	: Hazardous.
Health Hazards	: May cause harm to unborn child.
Inhalation	: Not applicable at ambient temperatures.
Skin Contact	: Avoid direct contact.
Eye Contact	: Can cause irritation
Ingestion	: Unlikely to be harmful unless excessive 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	: Avoid skin contact. 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	: Not established.
Personal Protective Equipment	: Normal precautions should be observed as for handling all chemicals.
9. Physical and Chemical Properties	
Form/Colour/Odour	: Slab / Beige / 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 Reactions	: Contact with nitrosating agents may lead to nitrosoamine formation.

11.	Toxicological Information														
<p>SRT #3 contains ethylene thiourea (ETU) which has been classified according to European Community as toxic for reproduction. SRT #3 also contains a thiuram. Nausea may occur in workers who consume alcohol after exposure to the product. (Antabuse Syndrome)</p>															
12.	Ecological Information														
<p>Degradability : Not biodegradable</p>															
13.	Disposal Consideration														
<p>Waste Disposal Method : Incinerate according to local regulations Contaminated Container Disposal : Observe local regulations.</p>															
14.	Transport Information														
<p>Not classified in RID/ADR - ADNR - IMDG - ICAO/IATA - DGR.</p>															
15.	Regulatory Information														
<p>Labelling in accordance with Annex T of directive 57/548/EEC and its amendments and adaptations:</p> <table border="0"> <tr> <td><u>Symbol</u></td> <td><u>Hazard Description</u></td> </tr> <tr> <td>T</td> <td>: Toxic</td> </tr> <tr> <td><u>Risk phrase(s)</u></td> <td><u>Definition</u></td> </tr> <tr> <td>R 22</td> <td>: Also harmful if swallowed.</td> </tr> <tr> <td>R 61</td> <td>: May cause harm to unborn child.</td> </tr> <tr> <td><u>Safety phrase(s)</u></td> <td><u>Definition</u></td> </tr> <tr> <td>S 36/37</td> <td>: Wear suitable protective clothing and gloves.</td> </tr> </table> <p>It is recommended that women of childbearing age should not be employed in manufacturing stages of rubber production where they are likely to be exposed to ETU. Under mixing and vulcanising conditions, SRT #3G may form traces of harmful nitrosoamine. Must not be used together with nitrosating agents. Note German Technical Regulation on dangerous Substances No. 552 (nitrosoamine)</p>		<u>Symbol</u>	<u>Hazard Description</u>	T	: Toxic	<u>Risk phrase(s)</u>	<u>Definition</u>	R 22	: Also harmful if swallowed.	R 61	: May cause harm to unborn child.	<u>Safety phrase(s)</u>	<u>Definition</u>	S 36/37	: Wear suitable protective clothing and gloves.
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16.	Other Information (training needs, possible restrictions, data sources, etc)														
<p>Data Sources : Sin Rubtech Consultancy Sdn. Bhd. Department issuing MSDS : Technical Department. Contact : Sin Yoong Leong. Technical Manager</p>															

Disclaimer

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