

<b>1. Identification of Substance and Company</b>	
Product Name	: SIN RUBTECH® POLYMER BOUND PREDISPERSED SRT #2
Trade Name	: SRT #2
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.
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<b>2. Composition / Information on ingredients</b>	
A proprietary predispersed combination of thiazole, thiuram and dithiocarbamate in an elastomeric / processing aids binder.	
CAS No	Binder : Trade Secret
Hazard Symbol	: Xn
R phrases	: 22, 36, 40 & 43

  

<b>3. Hazards Identification</b>	
Hazard Designation	: Harmful.
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.

  

<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	: No special precautions necessary but 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	: Slab / Beige / 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> )	: 1.13 Approx.
Solubility in Organic Solvents	: Aromatic.
Solubility in Water	: Insoluble.

<b>10. Stability and Reactivity</b>	
Stability	: Stable under normal conditions.
Conditions to Avoid	: After prolonged heating, decomposition starts at about 1508C
Materials to Avoid	: Strong oxidising agents.
Hazardous Decomposition Products	: Tetramethyl thiourea, carbon disulphide.
Hazardous Reactions	: Contact with nitrosating agents may lead to nitrosoamine formulation.

<b>11. Toxicological Information</b>	
SRT #3 contains tetramethylthiuram disulphide (TMTD). The following applies to TMTD :	
LD 50 oral, rat : 780-1300 mg/kg.	
Effect on the eyes : slight irritation (rabbit)	
Effect on the skin : slight irritation (rabbit)	
Mutagenicity : mutagen substance of category 3	
Special properties/effects :	
May cause skin sensitization with man.	
Nausea may occur in workers who consume alcohol after exposure to the product. (Antabuse Syndrome)	

<b>12. Ecological Information</b>	
Water pollution class (WGK) : 2 - impairment of water quality (own classification).	
WGK - Classification in accordance with the German Water Resources Act Prevent entry into drains, clear water drainage, waters or soil.	

<b>13. Disposal Consideration</b>	
Waste Disposal Method	: Incinerate according to local regulations
Contaminated Container Disposal	: Observe local regulations. Treat container and waste material as hazardous.

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

