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**1. PRODUCT AND COMPANY IDENTIFICATION**

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**Product name:** **SOLDERON ST-380 ANTI-OXIDANT**

**Supplier** Rohm and Haas Electronic Materials Asia Ltd.  
15 On Lok Mun Street, On Lok Tsuen  
Fanling, N.T., Hong Kong  
Telephone: 852-26806888

**Emergency telephone number**  
Hong Kong Emergency Phone (852) 2680-6113  
Number

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**2. COMPOSITION/INFORMATION ON INGREDIENTS**

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This product is a preparation.

Component	CAS-No.	EINECS-No.	Concentration	Classification
Sulfur compound			10.0 - < 12.5 %	Xi R43, R36

The full text of each R phrase is listed in section 16.

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**3. HAZARDS IDENTIFICATION**

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May cause sensitization by skin contact.

Classified as hazardous according to regulatory criteria.

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**4. FIRST AID MEASURES**

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**Inhalation:** No specific measures necessary.

**Skin contact:** Wash skin with water.

**Eye contact:** Immediately flush eye(s) with plenty of water. If eye irritation persists, consult a specialist.

**Ingestion:** No specific measures necessary.

**Notes to physician**

Treat symptomatically.

## 5. FIRE-FIGHTING MEASURES

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**Suitable extinguishing media:** Use extinguishing media appropriate for surrounding fire.

**Special protective equipment for fire-fighters:** Wear full protective clothing and self-contained breathing apparatus.

**Further information:** This product may give rise to hazardous vapors in a fire.

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## 6. ACCIDENTAL RELEASE MEASURES

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### **Personal precautions**

Wear suitable protective clothing.

### **Environmental precautions**

Prevent the material from entering drains or water courses.

Do not discharge directly to a water source.

Advise Authorities if spillage has entered watercourse or sewer or has contaminated soil or vegetation.

### **Methods for cleaning up**

Transfer into suitable containers for recovery or disposal.

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## 7. HANDLING AND STORAGE

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### **Handling**

Wash thoroughly after handling.

### **Storage**

**Storage conditions:** Store in original container. Storage area should be: cool dry out of direct sunlight

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## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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### **Exposure limit(s)**

Exposure limits are listed below, if they exist.

### **Exposure controls**

**Eye protection:** goggles

**Hand protection:** protective gloves

**Skin and body protection:** Normal work wear.

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**Respiratory protection:** No personal respiratory protective equipment normally required. The specific respirator selected must be based on the airborne concentration found in the workplace and must not exceed the working limits of the respirator.

**Engineering measures:** Engineering methods to prevent or control exposure are preferred. Methods include process or personnel enclosure, mechanical ventilation (local exhaust), and control of process conditions.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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<b>Physical state</b>	liquid
<b>Colour</b>	yellow
<b>Odour</b>	irritating
<b>pH</b>	<2
<b>Density</b>	approximately 0.99 - 1.11 g/cm <sup>3</sup>

NOTE: The physical data presented above are typical values and should not be construed as a specification.

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## 10. STABILITY AND REACTIVITY

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**Hazardous reactions** Stable under normal conditions.

**Hazardous decomposition products** carbon monoxide, carbon dioxide,

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## 11. TOXICOLOGICAL INFORMATION

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*Toxicological information on this product or its components appear in this section when such data is available.*

Component: **Sulfur compound**

**Acute oral toxicity** LD50 rat 1,900 mg/kg

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## 12. ECOLOGICAL INFORMATION

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*Ecotoxicological information on this product or its components appear in this section when such data is available.*

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## 13. DISPOSAL CONSIDERATIONS

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**Environmental precautions:** Prevent the material from entering drains or water courses. Do not discharge directly to a water source.

Advise Authorities if spillage has entered watercourse or sewer or has contaminated soil or vegetation.

**Disposal**

Dispose in accordance with all local, state (provincial), and federal regulations. Do not remove label until container is thoroughly cleaned. Empty containers may contain hazardous residues. This material and its container must be disposed of in a safe way.

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**14. TRANSPORT INFORMATION**

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**Classification for ROAD and Rail transport:**

Not regulated (Not dangerous for transport)

**Classification for SEA transport (IMO-IMDG):**

Not regulated (Not dangerous for transport)

**Classification for AIR transport (IATA/ICAO):**

Not regulated (Not dangerous for transport)

*Transportation classifications may vary by container volume and may be influenced by regional or country variations in regulations*

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**15. REGULATORY INFORMATION**

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**Label**

Classification and labeling have been performed according to regulations.

**Hazard symbol and Indication of danger**

Xi Irritant

**Contains:** Sulfur compound

**R-phrases(s)**

R43 May cause sensitization by skin contact.

**S-phrases(s)**

S24 Avoid contact with the skin.

S37 Wear suitable gloves.

S60 This material and its container must be disposed of as hazardous waste.

**US. Toxic Substances Control Act (TSCA)** All components of this product are in compliance with the inventory listing requirements of the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

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**16. OTHER INFORMATION**

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**Full text of the R-phrases given in Section 2**

R36 Irritating to eyes.  
R43 May cause sensitization by skin contact.

**Emergency telephone number**

Asia-Pacific	+800 2537 8747
Asia-Pacific	+65 6542 9595
India	+800-650-1166
Indonesia	+803-65-7576
Pakistan	+800-11065-2-6542-7115
Sri Lanka (in Colombo)	+430-800-2-6542-7115
United States of America	+1-215-592-3000
European Region	+33 (0) 140025045

**Legend**

ACGIH	American Conference of Governmental Industrial Hygienists
BAc	Butyl acetate
OSHA	Occupational Safety and Health Administration
PEL	Permissible Exposure Limit
STEL	Short Term Exposure Limit (STEL):
TLV	Threshold Limit Value
TWA	Time Weighted Average (TWA):
	Bar denotes a revision from prior MSDS.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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