



The Chemical Company

# MATERIAL SAFETY DATA SHEET

According to NOHSC: 2011 (2003)

## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Product name:** RHEOMAC 1009 SURETEC

**Other name:**

**Product code:**

**Recommended use:** New generation, polycarboxylate ether with excellent slump retention for use with premixed concrete.

**Company:** BASF Construction Chemicals Australia Pty Ltd. ABN 46 000 450 288  
BASF Construction Chemicals New Zealand Ltd.

**Address:** 11 Stanton Road, Seven Hills, NSW, 2147 Australia  
45 William Pickering Drive, Albany, Auckland, New Zealand

**Telephone number:** +61 2 8811 4200  
**+64 9 414 7233**

**Facsimile:** +61 2 8811 3299  
**+64 9 414 7244**

**Emergency telephone number:** 0417 658 263

## 2. HAZARDS IDENTIFICATION

**Hazard classification:** NON HAZARDOUS AND NON DANGEROUS MATERIAL  
Not hazardous according to criteria of NOHSC  
Not dangerous according to the ADG Code.

**Risk phrase(s):** None

**Safety phrase(s):** None

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

<b>Chemical Name</b>	<b>CAS Number</b>	<b>Proportion</b>
Polycarboxylate ether solution	Proprietary	30 - 60%
Other Non hazardous ingredients		to 100%
All ingredients listed on AICS		

## 4. FIRST AID MEASURES

**Inhalation:** Not a normal route of injury. However, if inhalation does occur, remove victim from exposure. If difficulty with breathing, administer oxygen. If breathing has stopped administer artificial respiration. Seek medical attention

**Eyes:** While holding eyes open, gently flood with plenty of fresh water for 15 minutes. If irritation persists or recurs seek medical attention. Skilled personnel should only undertake removal of contact lenses after an eye injury.

**Skin:** Remove contaminated clothing. Wash contacted areas thoroughly with soap and water. If irritation persists seek medical attention. Wash contaminated clothing before re-use.

**Ingestion:** Do not induce vomiting; give large quantities of water; get immediate medical attention. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquids into lungs. Do NOT give anything by mouth to an unconscious person.

## 5. FIRE FIGHTING MEASURES

**Suitable extinguishing media:** Use extinguishing agent suitable for type of surrounding fire.

<u>Hazards from combustion products:</u>	Oxides of carbon and nitrogen from combustion of dried residues.
<u>Precautions and equipment for fire fighters:</u>	No special requirements known
<u>Hazchem code:</u>	None allocated

**6. ACCIDENTAL RELEASE MEASURES**

Methods and materials for containment and clean up: Caution slippery when spilt. Stop leak if possible without risk. Spills should be contained by absorbing with dry inert filler (vermiculite, sand or soil), which can then be shovelled into appropriately labelled drums for disposal. Carefully dilute with water (fine spray or fog). Wash down area with excess water into a containment area or contain with inert filler for disposal. Spills in a contained area such as a bund can be removed by a commercial bulk liquid waste disposal organisation.

Environmental precautions: Do not discharge into sewers or waterways.

**7. HANDLING AND STORAGE**

Precautions for safe handling: Wear PPE as per Section 8.

Conditions for safe storage: Store in a cool dry area at 5 to 35°C  
Store undercover and away from frost.  
Avoid strong oxidising agents.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

Ventilation: Ventilation is generally not required

Personal Protective Equipment (PPE): This product is not classified as hazardous, so PPE is not normally essential. However, it is generally recommended that contact with any chemical be kept to a minimum. Following is a guide to suggested PPE that may be utilised for handling this product.

Respiratory protection: Not normally applicable. Avoid mists.

Glove type (AS2161): Impervious gloves e.g. PVC or nitrile rubber gauntlets

Eye protection: Chemical worker's goggles or safety glasses.

Clothing: General protective clothing such as overalls or long pants and a long sleeve shirt or a chemical apron. Remove contaminated clothing as soon as possible. Launder thoroughly before reusing. For large spills or ponded areas impervious footwear is preferred.

Other: Use barrier creams to protect skin from contact with the material. Always wash hands before smoking, eating, drinking or using the toilet and after finishing work. Observe the usual precautions when handling chemicals.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

<u>Appearance:</u>	Opaque whitish liquid.	<u>Solubility in water:</u>	Completely miscible
<u>Odour:</u>	Odourless	<u>Specific gravity:</u>	1.100 – 1.200
<u>pH:</u>	ca 7	<u>Flash point (°C):</u>	Non-flammable
<u>Boiling point (°C):</u>	> 100	<u>Evaporation rate:</u>	Not available
<u>Freezing point (°C):</u>	< -12		

**10. STABILITY AND REACTIVITY**

Chemical stability: Stable. Not sensitive to mechanical impact.

Incompatible materials: Strong mineral acids and oxidisers.

Hazardous decomposition products: Oxides of carbon and nitrogen from combustion of dried residues.

Hazardous reactions: Hazardous polymerisation will not occur.

**11. TOXICOLOGICAL INFORMATION**Effects of Overexposure

Inhalation: Not applicable.

Eyes: May cause irritation.

Skin contact: Repeated or prolonged skin contact may lead to irritation.

Skin absorption: Does not absorb through skin.

Ingestion: No adverse effects expected, however large amounts may cause nausea, diarrhoea and vomiting.

Chronic: There have been no reports in the literature of health effects in workers arising from long-term exposure to this material and no comprehensive human studies have been conducted.

**12. ECOLOGICAL INFORMATION**

Ecology: Do not discharge into sewers or waterways.

Marine pollutant: Not listed

**13. DISPOSAL CONSIDERATIONS**

Disposal method and containers: Refer to Waste Management Authority. Dispose of material through a licensed waste contractor.

Precautions for clean up crew: As per Section 6 & 8, PPE. Slippery when spilt.

Special precautions for landfill or incineration: None known.

**14. TRANSPORT INFORMATION**

UN number: None allocated

EPG card: None allocated

UN proper shipping name: Not regulated

Packing group: None allocated

Dangerous goods class: None allocated

Hazchem code: None allocated

Subsidiary risk: None allocated

Poisons schedule: None allocated

**15. REGULATORY INFORMATION**

Risk phrase(s): None

Safety phrase(s): None

**16. OTHER INFORMATION**

Reason for issue: New product.

This MSDS summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user should read this MSDS and consider the information in the context of how the product will be handled and used in the workplace including in conjunction with other products. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company. Our responsibility for products sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available on request. All information contained in this MSDS is as accurate and up-to-date as possible. No warranty expressed or implied is made as to its accuracy, reliability or completeness.