

## Material Safety Data Sheet (MSDS)

<b>Section 1: Chemical Product and Company Identification</b>	
<b>Product Name</b>	Chloroprene Rubber
<b>CAS Number</b>	9010-98-4
<b>Chemical Formula</b>	C <sub>4</sub> H <sub>5</sub> Cl
<b>Company Name</b>	CAMACHEM (Part of CAMAL Group) 3F Jinlong East Beijing Station Road Chaoyang District, Beijing, China
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<b>Company Website</b>	<a href="http://www.camachem.com">www.camachem.com</a>
<b>Section 2: Composition and Information on Ingredients</b>	
<b>Name</b>	Chloroprene Rubber
<b>CAS #</b>	9010-98-4
<b>% by Weight</b>	≥97
<b>Section 3: Hazards Identification</b>	
<b>Potential Acute Health Effects:</b>	None
<b>Potential Chronic Health Effects:</b>	None
<b>Other Hazards (Not lead to the classification):</b>	At processing temperatures above 200°C (392 F), fumes irritating to the eyes, nose, and throat may be produced. This exposure may result in reddening, tearing, and itching of the eyes and soreness in the nose and throat together with coughing.
<b>Section 4: First Aid Measures</b>	
<b>Eye Contact:</b>	No corrosive to eyes. In the case of entering into eyes, please wash them with copious amounts of water.
<b>Skin Contact:</b>	The compound is not likely to be hazardous by skin contact but cleansing the skin with soap and water after use is advisable. If molten material gets on skin, cool rapidly with cold water. Do not attempt to

	remove material from skin. Obtain medical treatment for thermal burn.
<b>Inhalation:</b>	Irritating fumes occurred only in the heating process. If inhaled fumes too much, please move patient to fresh air or administer oxygen and assist ventilation as required.
<b>Ingestion:</b>	Ingestion is not a probable route of exposure. And chloroprene rubber is no serious harm for human health, for which is low toxicity. If uncomfortable, call a physician.
<b>Section 5: Fire and Explosion Data</b>	
<b>Hazardous Combustion Products:</b>	Complete combustion gives hydrogen chloride, carbon dioxide, sulfur dioxide and water. Incomplete combustion gives in addition carbon monoxide, organic acids, aldehydes, and alcohols.
<b>Suitable Extinguishing Media:</b>	Water, Foam, Dry Chemical, CO <sub>2</sub> .
<b>Fire Fighting Procedures:</b>	Exposed firefighters must wear NIOSH-approved positive pressure self-contained breathing apparatus with full-face mask and full protective clothing.
<b>Unusual Fire and Explosion Hazards:</b>	None
<b>Section 6: Accidental Release Measures</b>	
<b>Safeguards (Personnel):</b>	NOTE: Review FIRE FIGHTING MEASURES and HANDLING (PERSONNEL) sections before proceeding with clean-up. Use appropriate PERSONAL PROTECTIVE EQUIPMENT during clean-up.
<b>Spill Clean Up:</b>	Recover undamaged and minimally contaminated material for reuse and reclamation. Scrape up spilled polymer. Shut off ignition sources; Provide ventilation.
<b>Section 7: Handling and Storage</b>	
<b>Handling:</b>	Do not breathe vapors in the heating process, and keep adequate ventilation. Use good personal hygiene practices. Wash hands before eating, drinking, smoking.
<b>Storage:</b>	Store in tightly closed containers in cool, dry, well-ventilated area away from heat, incompatible substances. Ground lines and equipment used during transfer to reduce the possibility of static

	spark-initiated fire. Store at ambient or lower temperature. Store out of direct sunlight.
<b>Section 8: Exposure Controls/Personal Protection</b>	
<b>Engineering Controls:</b>	Local exhaust ventilation may be necessary to control air contaminants from hot processing. The use of local ventilation is recommended to control emissions near the source. Provide mechanical ventilation for confined spaces. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.
<b>Eye/Face Protection:</b>	In the heating process, wear safety glasses when possibility exists for eye and face contact due to splashing or spraying of molten material. Have eye-wash stations available where eye contact can occur.
<b>Skin Protection:</b>	Wear gloves impervious to the heating conditions of use. Additional protection may be necessary to prevent skin contact including use of face shield, boots or full body protection. A safety shower should be located in the work area.
<b>Respirators:</b>	In the heating process, air purifying respirator with an organic vapor cartridge with a dust/mist filter may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits.
<b>Protective Clothing:</b>	If there is potential contact with hot/molten material, wear heat resistant clothing and footwear.
<b>Section 9: Physical and Chemical Properties</b>	
<b>Physical state and appearance:</b>	Mild characteristic/Amber chips.
<b>Flashpoint:</b>	Not suitable.
<b>Taste:</b>	Not available.
<b>Molecular Weight:</b>	Approximately 100,000 to 300,000 (daltons)
<b>Flammability:</b>	Flammable.
<b>pH (1% soln/water):</b>	Not available.
<b>Boiling Point:</b>	Not available.
<b>Melting Point:</b>	approximately 30-70°C
<b>Critical Temperature:</b>	Not available.
<b>Specific Gravity:</b>	1.23
<b>Vapor Pressure:</b>	Not available.
<b>Vapor Density:</b>	Not available.
<b>Volatility:</b>	Not available.
<b>Odor Threshold:</b>	Not available.
<b>Water/Oil Dist. Coeff.:</b>	Not available.
<b>Ionicity (in Water):</b>	Not available.



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<b>Dispersion Properties:</b>	Not available.
<b>Solubility:</b>	Insoluble.
<b>Section 10: Stability and Reactivity Data</b>	
<b>Stability:</b>	Stable under normal temperatures and pressures. Resistant to oils, oxygen, ozone, corona discharge, & electric current.
<b>Conditions to Avoid:</b>	Incompatible materials, dust generation, excess heat, strong oxidants.
<b>Incompatibilities with Other Materials:</b>	Strong Oxidizing agents.
<b>Fire Potential:</b>	Combustible, but less so than natural rubber.
<b>Hazardous Decomposition Products:</b>	When heated to decomposition it emits irritating and toxic vapors as Hydrogen chloride, carbon monoxide, carbon dioxide.
<b>Hazardous Polymerization:</b>	Has not been reported.
<b>Section 11: Toxicological Information</b>	
<b>RTECS#:</b>	CAS# 9010-98-4: EI9640000
<b>Toxicity to Animals: RTECS#:</b>	Not available.
<b>Carcinogenicity:</b>	CAS# 9010-98-4: Not listed by ACGIH, IARC, NTP, or CA Prop 65.
<b>Epidemiology:</b>	No information found.
<b>Reproductive Effects:</b>	No information found.
<b>Mutagenicity:</b>	No information found.
<b>Neurotoxicity:</b>	No information found.
<b>Section 12: Ecological Information</b>	
No information is available. Toxicity is expected to be low based on insolubility in water.	
<b>Section 13: Disposal Considerations</b>	
SRP: At the time of review, criteria for land treatment or burial (sanitary landfill) disposal practices are subject to significant revision. Prior to implementing land disposal of waste residue (including waste sludge), consult with environmental regulatory agencies for guidance on acceptable disposal practices.	
<b>Section 14: Transport Information</b>	
<b>Special Provisions for Transport:</b>	Not regulated as a hazardous material.
<b>Section 15: Other Regulatory Information</b>	
<b>US FEDERAL:</b>	<b>TSCA:</b> CAS# 9010-98-4 is listed on the TSCA inventory.

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	<p><b>Health &amp; Safety Reporting List:</b> None of the chemicals are on the Health &amp; Safety Reporting List.</p> <p>SARA Section 302 Extremely Hazardous Substances: None of the chemicals in this product have a TPQ.</p> <p><b>Section 313:</b> No chemicals are reportable under Section 313.</p> <p><b>Clean Air Act:</b> This material does not contain any hazardous air pollutants. This material does not contain any Class 1 Ozone depleters. This material does not contain any Class 2 Ozone depleters.</p> <p><b>Clean Water Act:</b> None of the chemicals in this product are listed as Hazardous Substances under the CWA. None of the chemicals in this product are listed as Priority Pollutants under the CWA. None of the chemicals in this product are listed as Toxic Pollutants under the CWA.</p> <p><b>OSHA:</b> None of the chemicals in this product are considered highly hazardous by OSHA.</p> <p><b>California Prop 65</b> <b>California No Significant Risk Level:</b> None of the chemicals in this product are listed.</p>
<p><b>European/International Regulations:</b></p>	<p><b>Hazard Symbols:</b> Not available. <b>Risk Phrases:</b> None <b>Safety Phrases:</b> S24/25 Avoid contact with skin and eyes. <b>WGK (Water Danger/Protection)</b> CAS# 9010-98-4: No information available. <b>Canada - DSL/NDSL</b> CAS# 9010-98-4 is listed on Canada's DSL List. <b>Canada - WHMIS</b> WHMIS: Not available.</p>
<p>This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all of the information required by those regulations.</p>	
<p><b>Section 16: Other Information</b></p>	
<p><b>References:</b></p>	<p>None.</p>
<p><b>Other Special Considerations:</b></p>	<p>None.</p>
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