

Safety Data Sheet: Chloroprene Rubber (CR232 / SN232)

1. Identification

Product	Chloroprene Rubber (CR232 / SN232); CAS 9010-98-4; EC 618-463-8
Use	Professional rubber compounding and technical elastomer development.
Company	Hainan Zhongxin Chemical Co., Ltd. (ZXCHEM)
Address	Room 1001, Building A, Caohejing Center, No. 1520 Gumei Road, Xuhui District, Shanghai, China
Telephone / email	+86-21-54265599 / sales@zxchem.com.cn
Emergency contact	ZXCHEM office number above, office hours, China time (UTC+8). For urgent medical assistance contact local emergency services.
Scope	Reference safety information for Chloroprene Rubber (CR232 / SN232). The reference composition, concentration and supply-grade differences are described in Section 3. This document does not certify the composition or transport status of a specific delivered batch or a different formulation.

2. Hazards Identification

Classification	Not classified as a hazardous substance or mixture in the selected reference.
Signal word / symbols	No signal word assigned; No GHS pictogram in the selected reference
Hazard statements	No classified GHS hazard statements assigned in the solid polymer reference. Hot processing can produce hazardous fumes; maintain effective extraction and avoid unnecessary exposure.
Prevention	Provide good workplace ventilation and local extraction for heated rubber processing. Wear suitable gloves, safety glasses and work clothing. Use appropriate respiratory protection where ventilation is insufficient; avoid contact with hot material.
Response	After exposure, stop work and seek medical advice. For severe exposure obtain urgent medical care. Rinse contaminated skin or eyes with water; move an inhalation casualty to fresh air.
Environment	Prevent uncontrolled release to drains, soil or surface water. Collect spills for appropriate disposal.

3. Composition / Information on Ingredients

Reference ingredient	Polychloroprene, CAS 9010-98-4, EC 618-463-8; selected solid substance reference ≤100%. It does not establish the additive recipe of CR232 / SN232 supply grades.
Supply grade	CR2321 / CR2322 / CR2323
Applicability	The cited concentration or purity describes the reference material. It is not a certificate of analysis for the delivered batch; different solvents or dilutions require the matching supplier safety document.

4. First-Aid Measures

General	Protect the rescuer from exposure and show the product information to medical personnel. Obtain medical advice if symptoms occur or exposure is significant.
Inhalation	Move to fresh air and keep the person comfortable. Seek medical care for breathing difficulty or persistent symptoms. Avoid exposing rescuers to mist.
Skin	Remove contaminated clothing and rinse skin thoroughly with water. Seek medical advice for persistent irritation.
Eyes	Rinse gently with clean water for at least 15 minutes. Remove contact lenses when easy and continue rinsing. Seek medical advice if irritation persists.
Ingestion	Rinse the mouth. Do not induce vomiting. Give nothing by mouth to an unconscious person. Obtain medical advice.
Effects / treatment	No specific acute effects are identified in the selected reference. Solid fragments, heated material and processing fumes require normal industrial exposure controls. Treatment is symptomatic and directed by a clinician.

5. Fire-Fighting Measures

Extinguishing media	Use water spray, dry powder or foam. Firefighters require self-contained breathing apparatus and protective clothing because toxic fumes can be released.
Hazards	Hazardous decomposition products are not expected during normal storage. Fire or excessive heating can release toxic fumes.
Protection	Firefighters require suitable protective clothing and self-contained breathing equipment. Prevent contaminated firefighting water entering drains.

6. Accidental Release Measures

Personal protection	Provide good workplace ventilation and local extraction for heated rubber processing. Wear suitable gloves, safety glasses and work clothing. Use appropriate respiratory protection where ventilation is insufficient; avoid contact with hot material.
Containment	Recover solid material mechanically without generating dust. Collect in labelled closed containers; keep contaminated material segregated.
Environment	Prevent drainage and uncontrolled release; use an approved disposal route.

7. Handling and Storage

Handling	Provide good workplace ventilation and local extraction for heated rubber processing. Wear suitable gloves, safety glasses and work clothing. Use appropriate respiratory protection where ventilation is insufficient; avoid contact with hot material.
Storage	Store tightly packaged in a cool, well-ventilated place at normal room temperature. Protect from direct sunlight, excessive heat and contamination; keep packages intact before processing.
Incompatibilities	No specific incompatible substance is identified in the selected reference. Protect from contamination and avoid excessive heat outside the intended controlled processing operation.

8. Exposure Controls / Personal Protection

Exposure limits	The selected reference supplies no numerical polymer-specific occupational exposure limit. Control fragments, dust and hot-process fumes under local workplace requirements.
Engineering controls	Use local extraction where mist can be generated. Maintain accessible eyewash and emergency washing facilities.
Personal protection	Wear chemical-resistant gloves selected for the task, suitable protective clothing and splash goggles. Add face protection for splash-prone tasks.
Respiratory protection	Use a properly selected respirator under a respiratory-protection program where engineering controls do not adequately limit airborne exposure.
Hygiene	Wash after handling, remove contaminated clothing promptly and do not eat, drink or smoke in the work area.

9. Physical and Chemical Properties

Appearance	Off-white rubber chips or bales
Formula / molecular weight	Polymeric material / Variable polymer molecular weight
Physical state	Solid rubber
Appearance, reference	Off-white to tan solid
Density, supply description	Approximately 1.23 g/cm ³
Crystallization rate, supply	Medium
Other properties	Product-specific values for odor threshold, vapor pressure, partition coefficient, autoignition temperature and viscosity are not supplied by the selected reference set. No values are inferred.

10. Stability and Reactivity

Stability	Handle and store under the recommended conditions. Prevent contamination and unnecessary heating.
Incompatibilities	No specific incompatible substance is identified in the selected reference. Protect from contamination and avoid excessive heat outside the intended controlled processing operation.
Decomposition	Hazardous decomposition products are not expected during normal storage. Fire or excessive heating can release toxic fumes.

11. Toxicological Information

Exposure effects	No specific acute effects are identified in the selected reference. Solid fragments, heated material and processing fumes require normal industrial exposure controls.
Reference classification	Not classified as a hazardous substance or mixture in the selected reference.
Data limits	The selected reference assigns no acute, irritation, sensitization, reproductive or target-organ hazard classifications and reports no numerical endpoints. It lists the polymer in IARC Group 3; no grade-additive or hot-process exposure assessment is established here.

12. Ecological Information

Environmental effects	The selected polymer reference does not provide quantitative aquatic toxicity, persistence, bioaccumulation or mobility endpoints. Collect solid residue and prevent environmental release.
Controls	Prevent uncontrolled release, collect spills and dispose of contaminated material through an authorized route.
Assessment	No product-specific PBT/vPvB assessment is claimed. Absence of data does not establish absence of environmental effects.

13. Disposal Considerations

Product	Collect surplus product and contaminated cleanup material for disposal by an authorized chemical-waste contractor in accordance with local requirements.
Packaging	Containers may retain product residues. Do not reuse contaminated packaging without an approved cleaning process; use an authorized disposal route.

14. Transport Information

Classification	Non-dangerous goods
UN number	Not assigned
Shipping name	Not regulated as dangerous goods
Class / packing group	DOT / TDG, sea and air transport: non-dangerous goods for the selected solid polymer reference; no assigned UN number or packing group.
Transport precautions	Protect packaging and closures from damage, secure loads and prevent releases. This reference is not a shipping declaration for a specific consignment.

15. Regulatory Information

Identity	Chloroprene Rubber (CR232 / SN232); CAS 9010-98-4; EC 618-463-8
HS reference	400249; reference heading rather than a destination customs ruling.
Compliance	Apply applicable workplace, environmental and transport rules. A raw-material listing does not establish authorization for a finished formulation.
Assessment	No ZXCHEM-specific chemical safety assessment or destination registration is asserted.

16. Other Information

Hazard meanings	No classified GHS hazard statements assigned in the solid polymer reference. Hot processing can produce hazardous fumes; maintain effective extraction and avoid unnecessary exposure.
Limitations	Prepared as reference safety information for the identified material. It is not a batch analytical certificate or safety assessment of a different solvent-containing formulation.
Revision	2026.1; prepared 2026-10-07. Customer-document branding and title corrected; technical safety data retained.
Document scope	Reference safety information for the material and grade described in Sections 1 and 3. Different concentrations, solvents or formulations require the applicable safety information. This is not a batch analytical certificate.

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