

Safety Data Sheet

CERAPOXY 120

Part B - Hardener

Company	SSANGKOM AUSTRALIA
Issue Date	01/04/2007
Revision Date	10/02/2026

SECTION 1 Chemical Product and Company Identification

Product name	CERAPOXY 120 Part B - Hardener
Use of product	Two-component epoxy adhesive for stone bonding and cladding applications
Registered company name	SSANGKOM AUSTRALIA
Address	29 Annie Street, Coopers Plains QLD 4108
Department	Technical Research Institute
Website	www.ssangkom.com.au
Emergency telephone number	Australian Poisons Information Centre: 13 11 26 (24-hour) Emergency: 000 SSANGKOM Australia (business hours): 1300 995 879 Australian Poisons Information Centre: 13 11 26 (24 hour service) 000 (Police or Fire Brigade)

SECTION 2 Hazards Identification

A. Hazard Classification

Hazard class	Category
Acute Toxicity - Oral	Category 4
Acute Toxicity - Dermal	Category 4
Skin Corrosion / Irritation	Category 2
Serious Eye Damage / Eye Irritation	Category 1
Skin Sensitisation	Category 1
Specific Target Organ Toxicity - Single Exposure	Category 3, Respiratory Irritation
Specific Target Organ Toxicity - Repeated Exposure	Category 2
Acute Aquatic Toxicity	Category 1
Chronic Aquatic Toxicity	Category 1

B. Label Elements including Precautionary Statements

Pictograms	Exclamation mark; Corrosion; Health hazard; Environment
Signal word	Danger
Hazard statements	H302: Harmful if swallowed. H312: Harmful in contact with skin. H315: Causes skin irritation. H317: May cause an allergic skin reaction. H318: Causes serious eye damage. H335: May cause respiratory irritation. H373: May cause damage to organs through prolonged or repeated exposure. H400: Very toxic to aquatic life. H410: Very toxic to aquatic life with long-lasting effects.
Prevention	P260: Do not breathe dust/fume/gas/mist/vapours/spray. P261: Avoid breathing dust/fume/gas/mist/vapours/spray. P264: Wash thoroughly after handling. P270: Do not eat, drink or smoke when using this product. P271: Use only outdoors or in a well-ventilated area. P272: Contaminated work clothing should not be allowed out of the workplace. P273: Avoid release to the environment. P280: Wear protective gloves/protective clothing/eye protection/face protection.
Response	P301+P312: IF SWALLOWED: Call a POISON CENTRE/doctor if you feel unwell. P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. P302+P352: IF ON SKIN: Wash with plenty of water and wet tissue. P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

	P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing. P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. P310: Immediately call a POISON CENTRE/doctor. P312: Call a POISON CENTRE/doctor if you feel unwell. P314: Get medical advice/attention if you feel unwell. P321: Specific treatment is required. P330: Rinse mouth. P333+P313: If skin irritation or rash occurs: Get medical advice/attention. P362+P364: Take off contaminated clothing and wash it before reuse. P363: Wash contaminated clothing before reuse. P391: Collect spillage.
Storage	P403+P233: Store in a well-ventilated place. Keep container tightly closed. P405: Store locked up.
Disposal	P501: Dispose of contents/container in accordance with local/regional/national/international regulations.
Other hazards	No data available.

SECTION 3 Composition / Information on Ingredients

Chemical name	CAS No.	Content (%)	Remarks
Cashew nut oil	8007-24-7	5-10	No data available
Limestone	1317-65-3	65-75	No data available
Calcium carbonate	471-34-1	10-20	No data available
Fatty acids, C18-unsatd., dimers, polymers with tall-oil fatty acids and triethylenetetramine	68082-29-1	10-20	No data available
Carbon black	1333-86-4	1-3	No data available
Diethylenetriamine-bisphenol A-epichlorohydrin polymer	31326-29-1	5-10	No data available

SECTION 4 First Aid Measures

Eye contact	Immediately flush eyes with running water for at least 20 minutes. Remove contact lenses if present and easy to do. Continue rinsing. Get urgent medical attention.
Skin contact	Remove contaminated clothing and shoes. Wash affected skin with running water for at least 20 minutes. If irritation or rash occurs, get medical advice. Wash contaminated clothing before reuse.
Inhalation	Remove person to fresh air and keep comfortable for breathing. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Get medical attention.
Ingestion	Get immediate medical attention. Rinse mouth. Do not induce vomiting. Never give anything by mouth to an unconscious person.
Advice to doctor	Treat symptomatically. Ensure medical personnel are aware of the material involved and take appropriate protective measures.

SECTION 5 Fire Fighting Measures

Suitable extinguishing media	Small fire: dry sand, dry chemical, alcohol-resistant foam, water spray, normal foam, CO2. Large fire: water spray/fog or normal foam.
Unsuitable extinguishing media	High pressure water jet.
Specific hazards	During burning, irritating, corrosive and/or toxic gases may be generated by thermal decomposition or combustion. Containers may explode when heated.
Protective equipment and precautions	Wear appropriate protective equipment. Keep a safe distance. Move containers from fire area if safe. Cool containers with water after the fire is extinguished. Prevent firefighting water from entering drains or waterways.

SECTION 6 Accidental Release Measures

Personal precautions	Avoid breathing dust, fumes, gas, mist, vapours or spray. Wear appropriate protective clothing. Do not touch damaged containers or spilled material without protection. Remove ignition sources. Ventilate the area.
Environmental precautions	Prevent entry into waterways, sewers, basements and confined spaces. Avoid release to the environment.
Clean-up methods	Stop leak if safe. Absorb spill with inert material such as dry sand or earth and place in a chemical waste container. Wash contaminated area with detergent and water.

SECTION 7 Handling and Storage

Safe handling	Avoid breathing dust, fumes, gas, mist, vapours or spray. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Avoid prolonged or repeated skin contact. Follow all SDS and label precautions even after container is empty.
Safe storage	Store tightly closed in a cool, dry, well-ventilated place. Keep away from food and drink. Keep container closed. Store locked up where required.

SECTION 8 Exposure Controls / Personal Protection

Substance	Safe Work Australia (WES)	Biological exposure standard
Cashew nut oil	TWA: No data; STEL: No data	No data
Limestone	TWA: 10 mg/m ³ ; STEL: -	No data
Calcium carbonate	TWA: 10 mg/m ³ ; STEL: -	No data
Fatty acids, C18-unsatd., dimers, polymers with tall-oil fatty acids and triethylenetetramine	TWA: No data; STEL: No data	No data
Carbon black	TWA: 3.5 mg/m ³ ; STEL: -	No data
Diethylenetriamine-bisphenol A-epichlorohydrin polymer	TWA: No data; STEL: No data	No data
Engineering controls	Use process isolation, local exhaust ventilation or other engineering controls to keep airborne concentrations below exposure limits. Install eyewash stations and safety showers where this material is stored or used.	
Respiratory protection	Wear a half-face respirator with organic vapour/P2 combination cartridges certified to AS/NZS 1716. Use SCBA in oxygen-deficient environments.	
Eye / face protection	Chemical splash goggles and face shield are REQUIRED (AS/NZS 1337). Part B causes serious eye damage — do not rely on safety glasses alone.	
Hand protection	Wear chemical-resistant gloves (nitrile, neoprene or butyl rubber) certified to AS/NZS 2161.	
Body protection	Wear suitable chemical-resistant protective clothing.	

SECTION 9 Physical and Chemical Properties

Appearance	Dark grey paste
Odour	No data
Odour threshold	No data
pH	No data
Melting point / freezing point	No data
Initial boiling point / boiling range	No data
Flash point	>260°C (Cashew nut oil component)
Evaporation rate	No data
Flammability	No data
Upper/lower flammability or explosive limits	No data
Vapour pressure	No data
Solubility	No data
Vapour density	No data
Specific gravity	No data
N-octanol/water partition coefficient	No data
Auto-ignition temperature	No data
Decomposition temperature	No data
Viscosity	1,000–5,000 cps (polyamide component)
Molecular weight	No data

SECTION 10 Stability and Reactivity

Chemical stability and hazardous reactions	Some components may burn but are not easily ignited. Material may decompose when heated to produce corrosive and/or toxic fumes. Containers may explode when heated.
Conditions to avoid	Heat, sparks, flames and other ignition sources; high temperature.
Incompatible materials	Combustible materials and reducing agents. Observe material-specific incompatibilities.
Hazardous decomposition products	Irritating, corrosive and toxic gases; corrosive/toxic fumes; highly toxic gases may be produced by thermal decomposition or combustion.

SECTION 11 Toxicological Information

Endpoint / route	Information
Likely routes of exposure	Exposure may occur by inhalation, skin contact, eye contact or ingestion. Source data indicate irritation effects for cashew nut oil, limestone, calcium carbonate and carbon black.
Acute toxicity - oral	Classified as Acute Toxicity (Oral) Category 4. Component-level values in source data vary; product data not available.
Acute toxicity - dermal	Classified as Acute Toxicity (Dermal) Category 4. Product data not available.

Acute toxicity - inhalation	No product data available.
Skin corrosion / irritation	Cashew nut oil may irritate skin and mucous membranes. Calcium carbonate may cause moderate rabbit Draize irritation and human irritation. Classified as Skin Irritation Category 2.
Serious eye damage / irritation	Cashew nut oil may cause strong irritation with risk of serious eye injury. Calcium carbonate may cause severe rabbit Draize irritation. Classified as Serious Eye Damage Category 1.
Respiratory sensitisation	No data available.
Skin sensitisation	Classified as Skin Sensitisation Category 1 based on source classification.
Carcinogenicity	No product data available in source table unless specifically stated.
Germ cell mutagenicity	Calcium carbonate: in vitro Salmonella typhimurium Ames test negative with and without metabolic activation.
Reproductive toxicity	No data available.
Specific target organ toxicity - single exposure	May cause respiratory irritation. Calcium carbonate may cause irritation by inhalation.
Specific target organ toxicity - repeated exposure	May cause damage to organs through prolonged or repeated exposure.
Aspiration hazard	No data available.

SECTION 12 Ecological Information

Item	Information
Ecotoxicity	Cashew nut oil: LL50 1,000 mg/L (fish); EC50 1,300 mg/L (algae). Calcium carbonate: LC50 > 56,000 mg/L, 96 h; EC50 22,000 mg/L, 96 h. Other product data: no data available.
Persistence and degradability	No data available for product; source data indicates no additional information for several components.
Bioaccumulative potential	No data available for product; Calcium carbonate BCF 3.162 in source data.
Mobility in soil	No data available.
Other adverse effects	No data available.

SECTION 13 Disposal Considerations

Disposal method	Dispose of contents and container in accordance with applicable waste regulations.
Disposal precautions	Consider precautions stated in applicable regulations, including requirements for contaminated containers and packaging.

SECTION 14 Transport Information

Item	Information
UN number	No data available.
UN proper shipping name	No data available.
Transport hazard class	No data available.
Packing group	No data available.
Marine pollutant	Not specified in source data.
Special precautions for user	Fire emergency measures: no data available. Spill emergency measures: no data available.

SECTION 15 Regulatory Information

Regulatory item	Information
Safe Work Australia — WHS Regulations	This SDS has been prepared in accordance with the Safe Work Australia Code of Practice: Preparation of Safety Data Sheets for Hazardous Chemicals (2020) and the GHS (7th Edition) as adopted under the Model WHS Regulations.
AICIS (Australian Industrial Chemicals Introduction Scheme)	All components are listed on the Australian Inventory of Industrial Chemicals (AIIC) or are exempt. Consult AICIS (www.aicis.gov.au) for current registration status.
Workplace Exposure Standards (Safe Work Australia)	Refer to Safe Work Australia Workplace Exposure Standards for Airborne Contaminants. Key TWA values: Limestone/Calcium Carbonate 10 mg/m ³ ; Carbon Black 3 mg/m ³ .
National Pollutant Inventory (NPI)	Components may be reportable under the National Pollutant Inventory. Contact your State/Territory EPA for reporting obligations.
Poisons Standard (SUSMP)	Consult the current Poisons Standard (SUSMP) for scheduling information relevant to this product.

SECTION 16 Other Information

Data sources	Prepared by translating and adapting the Korean source MSDS provided by SSANGKOM and raw material SDS data referenced in the source document.
Initial preparation date	01/04/2007
Revision count	11 revisions.
Latest revision date	10/02/2026
Other	This English document is a translation/adaptation of the source Korean MSDS. Confirm Australian WHS, transport and regulatory requirements before official distribution in Australia.