



INOX mx-7

Material Safety Data Sheet

SECTION 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name	INOX mx-7
Manufacturer's Code	00701 – 125 g Tube
Recommended Use	Extreme pressure PTFE paste for engine / machinery assembly and thread anti-seize applications
Company Name	CANDAN INDUSTRIES PTY LTD
Address	65 Chetwynd Street LOGANHOLME Q 4129 AUSTRALIA
Emergency Tel	07 5580 1438 (5 p.m. – 8 a.m.) weekdays. 24 Hours weekends and Public Holidays
Phone	07 3209 8733
Fax	07 3209 8744

SECTION 2. HAZARDS IDENTIFICATION

Hazard Classification	Not classified as hazardous according to the criteria of Safe Work Australia
Risk Phrases	None applicable
Safety Phrases	None applicable

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	Name	CAS	Proportion %
	Heavy, highly refined paraffinic mineral oil	64742-62-7	30 – 60%
	Heavy solvent-dewaxed paraffinic oil	64742-65-0	30 – 60%
	Heavy solvent-refined naphthanic oil	64741-96-4	10 – 30%
	Polytetrafluoroethylene	9002-84-0	10 – 30%
	Ingredients determined not to be hazardous		To 100%

SECTION 4. FIRST AID MEASURES

Swallowed	Do not induce vomiting. Immediately wash out mouth with water, then give plenty of water to drink. Seek medical attention.
Eye	Rinse eyes immediately with water for at least 15 minutes. In case of irritation, seek medical advice.
Skin	Remove all contaminated clothing. Wash affected areas with soap and water. Wash contaminated clothing before re-use or discard. If irritation develops or persists, seek medical attention.
Inhaled	Remove the patient to fresh air. Ensure that airways are clear and have a qualified person give oxygen through a facemask if breathing is difficult.
First Aid Facilities	No special facilities required
Aggravated medical conditions caused by exposure.	None known.
Chronic Health Effects	Prolonged or repeated contact with this material may result in skin irritation leading to dermatitis.

SECTION 5. FIRE FIGHTING MEASURES

Extinguisher	Use water or fog as a spray to cool fire exposed containers. Use foam, carbon dioxide or dry chemical to extinguish fires.
Hazards from combustion products	Oxides of carbon.
Special protective precautions and equipment for fire fighters	Self-Contained Breathing Apparatus (SCBA) and full protective clothing should be worn.
Hazchem code	None allocated

SECTION 6. ACCIDENTAL RELEASE MEASURES

Emergency procedures	<p>Small spill < 20 L or less Soak up with an inert oil absorbent. Arrange for disposal through an approved facility.</p> <p>Large spill > 20 L Remove all sources of ignition. Increase ventilation. Evacuate all unnecessary personnel. Wear full protective equipment and clothing to minimise exposure. Place inert absorbent material such as vermiculite, sand or dirt onto spillage and restrict from entering waterways. If large quantities of this material enter waterways contact the EPA or your local Waste Management Authority. Collect and place the spilled material into suitable labeled containers. Use non sparking equipment.</p>
Methods and materials for containment and clean up.	

SECTION 7. HANDLING AND STORAGE

Precautions for safe handling	Repeated or prolonged contact with this material should be avoided in order to lessen the possibility of skin disorders. It is essential that all persons coming into contact with the material maintain high standards of personal hygiene i.e. washing hands prior to eating, drinking or going to the toilet. The build up of mist in working areas must be prevented. The misuse of empty containers can be hazardous. Do not cut, weld, heat or drill containers. Residue may ignite with explosive violence if heated sufficiently. Do not pressurize or expose containers to open flame or heat. Keep container closed and bung in place.
Conditions for safe storage including any incompatibilities	Classified as a combustible substance (C2) for storage and handling purposes. Store in a cool, dry, well ventilated area, out of direct sunlight. Avoid sparks, flames and other ignition sources. Store away from incompatible materials such as oxidising materials. Refer to AS 1940 – The storage and handling of flammable and combustible liquids.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National exposure standards for mixture	No value assigned for this specific material by Safe Work Australia			
Component	Breathing Zone			Mixture conc. (%)
	TWA ppm	TWA mg/m³	STEL ppm	
			STEL mg/m³	

Biological Limit Values	No biological limit allocated
Engineering Controls	The use of mechanical dilution ventilation is recommended whenever this product is used in a confined space, is heated above ambient temperatures or otherwise to maintain ambient concentration below the recommended threshold exposure limits.

Personal Protective Equipment

Eyes.	Chemical safety glasses are recommended. If the material is handled hot a full face shield should be worn.
Hands	The use of impervious rubber gloves is recommended.
Clothing	Clothing should be suitable to avoid product contacting skin on a prolonged or repeated basis.
Respirator	Avoid breathing vapour or mists. Select and use respirators in accordance with A/NZS 1715 & 1716. When vapours are generated the use of a half face respirator with dust/mist filters is recommended.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Light brown smooth paste
Odour	Minimal odour
pH	Not applicable
Vapour pressure @ 25°C, mm Hg	Not applicable
Vapour density	Not applicable
Melting Point	> 180°C
Flashpoint	> 240°C
Solubility	< 0.1 g/L in water
Density	Approx 0.9
Penetration x 60 @ 25°C	355 - 385

SECTION 10. STABILITY AND REACTIVITY

Chemical stability	Stable under normal conditions of storage and handling.
Conditions to avoid	None allocated
Incompatible materials	Strong oxidizing agents.
Hazardous decomposition products	Oxides of carbon
Hazardous reactions	No hazardous polymerization will occur

SECTION 11. TOXICOLOGICAL INFORMATION

The classification as a carcinogen need not apply in this case as the main constituents in this product are in accordance with Note L of the NOHSC List of Designated Hazardous Substances. (containing less than 3% DMSO extract as measured by IP 346)

Inhaled: May cause irritation to the mucous membranes and upper respiratory tract, especially if the material is heated or mists are generated, and/or is used in poorly ventilated areas. Symptoms may include headache, dizziness and nausea.

Skin contact: May dry or defat the skin, resulting in skin irritation and possible dermatitis. Grease accidentally injected under the skin can result in local necrosis and tissue damage.

Eyes contact: May cause slight to moderate eye irritation, resulting in redness and stinging.



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Swallowed: May cause irritation to the mouth, esophagus and stomach. Symptoms may include nausea, vomiting and diarrhea.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity: No ecotoxicological classifications.

Persistence and Degradability:
This product is inherently biodegradable.

Mobility: Spillages are unlikely to penetrate the soil.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods and containers Dispose of waste according to Federal, EPA, state or local regulations.
Special precautions for landfill or incineration None allocated.

SECTION 14. TRANSPORT INFORMATION

UN Number None allocated
UN Proper shipping name None allocated
Class None allocated
Subsidiary risk None allocated
Packing Group None allocated
Special precautions for user None allocated
Hazchem Code None allocated

SECTION 15. REGULATORY INFORMATION

Poison Schedule Not scheduled

SECTION 16. OTHER INFORMATION

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Contact Person

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Literature references.

List of Designated Hazardous Substances.

Hazardous Substance Information System <http://hsis.ascc.gov.au/>

National Code of Practice for the Preparation of Material Safety Data Sheets.



Abbreviations:

NOHSC	National Occupational Health and Safety Commission
TWA	Time weighted average
STEL	Short term exposure limit
CAS Number	Chemical Abstract Service registry number
TLV	Threshold limit value

Safety data sheets are updated frequently. Please ensure that you have a current copy.

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END OF MSDS