

SAFETY DATA SHEET

FOR CHEMICAL EMERGENCY Contact Australian Poison Centre: 13 11 26

Section 1: Identification

Product Name High Strength Primerless, Oil Tolerant
Product Code K17263; K17263-2 (132)
Intended use: Thread locking and sealing

Company Identification

Supplier: Kincrome Australia Pty Ltd ABN: 41 007 185 006
3 Lakeview Drive Caribbean Business Park Scoresby
Victoria 3179 AUSTRALIA
Customer Service:
Tel: 1300 657 528 Fax: 1300 556 005
Administration:
Tel: +61 3 9730 7100 Fax: +61 3 9730 7199
Emergency Number: 13 11 26

Manufacturer:

ND Industries, Inc.
1893 Barrett Road
Troy, Michigan 48084

Contact: Tel: (248) 288-0000 Fax: (248) 288-0022
E-mail: info@ndindustries.com
Website: www.ndindustries.com

Section 2: Hazard Identification

Australia NOHSC – Hazardous according to Safe Work Australia NOHSC 2011 National Code of Practice

Hazard Pictograms



GHS07

Skin Irrit. 2: H315 Causes skin irritation.
Eye Irrit. 2A H319 Causes serious eye irritation.
Skin Sens. 1 H317 May cause an allergic skin reaction.

Label elements

- GHS label elements The product is classified and labelled according to the Globally Harmonized System (GHS).
- Hazard pictograms



GHS07

- **Signal word** Warning

- **Hazard-determining components of labelling:**

2-hydroxyethyl methacrylate

- **Hazard statements**

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H317 May cause an allergic skin reaction.

- **Precautionary statements**

P261 Avoid breathing dust/fume/gas/mist/vapors/spray

P280 Wear protective gloves.

P280 Wear eye protection / face protection.

P264 Wash thoroughly after handling.

P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P363 Wash contaminated clothing before reuse.

P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

P337+P313 If eye irritation persists: Get medical advice/attention.

P302+P352 If on skin: Wash with plenty of water.

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P362+P364
P501

Take off contaminated clothing and wash it before reuse
Dispose of contents/container in accordance with local/regional/national/international regulations.

Section 2: Hazard Identification (cont.)

- **Additional information:**
8.5 percent of the mixture consists of ingredient(s) of unknown toxicity.
- **Classification system:**
- **NFPA ratings (scale 0 - 4)**



Health = 1
Fire = 1
Reactivity = 0

- **HMS-ratings (scale 0 - 4)**

HEALTH	*1
FIRE	1
REACTIVITY	0

Health = 1
Fire = 1
Reactivity = 0

- **Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

Section 3: Composition/Information on Ingredients

- **Chemical characterization: Mixtures**
- **Description:** Mixture of the substances listed below with nonhazardous additions.

Dangerous components:		
Name	CAS Number	Proportion (%)
2-Hydroxyethyl Methacrylate	868-77-9	20-30
Polyester Resin	N/A=	20-30
Ethoxylated Bisphenol A Dimethacrylate Esters	41637-38-1	5-10
Modified Epoxy Acrylate Oligomer	1317-33-5	1-5
Cumene Hydroperoxide	80-15-9	1-5
Saccharin	128-44-9	1-5

Note: Ingredients determined not to be hazardous are present in concentrations that do not exceed the relevant cut-off concentrations as found from SWA publication "HAZARDOUS CHEMICALS Globally Harmonised System of Classification and Labelling of Chemicals" 5th Revised Edition, but are listed for information purposes and for additive effects.

Section 4: First Aid Measures

- Inhalation:** Move to fresh air. If breathing is difficult provide oxygen. If not breathing, immediately begin rescue breathing. If heart has stopped, provide cardiopulmonary resuscitation (CPR). Seek immediate medical attention.
- Ingestion:** Do NOT induce vomiting. Do NOT attempt to give anything by mouth to an unconscious person. Rinse mouth thoroughly with water immediately. Give water to drink. If vomiting occurs, give further water to achieve effective dilution. Seek urgent medical advice (e.g. doctor).
- Skin contact:** Wash affected area thoroughly with soap and water. Immediately remove contaminated. If symptoms develop seek medical attention.
- Eye contact:** Immediately wash with copious amounts of water for at least 20 minutes. Hold eyelids apart to ensure complete irrigation of the eyes. Remove contact lenses. Seek immediate medical attention. If symptoms persist seek medical attention.
- First Aid Facilities:** Eye wash and normal washroom facilities.
- Advice to Doctor:** Treat symptomatically. All treatments should be based on observed signs and symptoms of distress of the patient. Poisons Information Centre in each Australian State capital city or in Christchurch, New Zealand can provide additional assistance for scheduled poisons.

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Section 5: Fire Fighting Measures

Suitable Extinguishing Media: CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam. Use firefighting measures that suit the environment.

Specific hazard arising from the chemical: No further relevant information available.

Special protective actions for fire-fighters: Fire-fighters should wear full protective clothing and self-contained breathing apparatus (SCBA) in case of fire.

Section 6: Accidental Release Measures

Personal Precautions: Only trained personnel should clean a spill. Ventilate spill area. Avoid breathing vapours, eye and skin contact. Wear appropriate personal protective equipment.

Methods for Cleaning Up: Evacuate non-emergency personnel. Isolate the area and prevent access. Ensure adequate ventilation. Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Transfer to a waste container. The waste can then be disposing of in accordance with all applicable local, state, and federal regulations. Ensure adequate ventilation.

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

Environmental Precautions: Do not allow spilled material onto or into soil, drains, sewer, rivers or other water courses.

Section 7: Handling and Storage

Precautions for Safe Handling: Avoid skin and eye contact. Wear appropriate personal protective equipment. Avoid breathing vapours. Work in a well-ventilated area. Do not ingest. Safety showers and eyewash stations should be available for use in the immediate work area. Wash hands after using this product, and before eating, drinking smoking or using the lavatory.

Conditions for Safe Storage: Store in well ventilated, cool, dry location, away from direct sunlight. Keep containers tightly closed when not in use. Do not store for prolonged periods at temperatures below freezing or above 38°C.

Incompatible Materials: Oxidizing materials

Section 8: Exposure Controls/Person Protection

- **Additional information about design of technical systems:** No further data; see item 7.

- **Control parameters**

- **Components with limit values that require monitoring at the workplace:**

WEEL: Long-term value: 6 mg/m³, 1 ppm Skin

- **Additional information:** The lists that were valid during the creation were used as basis.

Exposure controls

- **Personal protective equipment:**

General protective and hygienic measures:

- Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work.

- Avoid contact with the eyes and skin.

Breathing equipment:

- Not required.

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- In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.



Section 8: Exposure Controls/Person Protection (cont.)

Protection of hands:

- Protective gloves

The glove material must be impermeable and resistant to the product/ the substance/ the preparation. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

- **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material cannot be calculated in advance and has therefore to be checked prior to the application.

- **Penetration time of glove material**

The exact break through time must be found out by the manufacturer of the protective gloves and must be observed.

Eye protection:



Tightly sealed goggles

Body protection: Protective work clothing

Section 9: Physical and Chemical Properties

Typical physical and chemical properties are given below. Consult the Supplier in Section 1 for additional data.

GENERAL INFORMATION

Appearance	Fluid
Colour	Red
Odour	Characteristic
Odour Threshold	Not available
Boiling Point	200 °C (392 °F)
Melting Point	Not available
Flammability (solid, gaseous):	Not applicable.
Flash point	100 °C (212 °F)
pH Value	Not available
Danger of explosion:	Product does not present an explosion hazard.
Auto ignition temperature	Product is not self-igniting.
Flammable limits	Not available
Viscosity:	
- Dynamic:	Not available
- Kinematic:	Not available
Density:	
- Relative Density	Not available
- Vapour density	Not available
- Evaporation rate	Not available
Decomposition temperature	Not available
Solvent content:	
- Organic solvents:	1.0 %
- Water:	1.0 %
- VOC content:	1.0 % (9.9g/l / 0.08lb/gal)
Solids content:	57.3 %
- Other information	No further relevant information available.
Partition coefficient	Not available
Biodegradability	Not classified as biodegradable
Explosion limits:	
Lower:	Not available
Upper:	Not available
Partition coefficient (n-octanol/water):	Not determined.

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Section 10: Stability and Reactivity

Reactivity

- **Chemical stability**
 - **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
 - **Possibility of hazardous reactions:** No dangerous reactions known.
 - **Conditions to avoid:** No further relevant information available.
 - **Incompatible materials:** No further relevant information available.
 - **Hazardous decomposition products:**
 - Aldehyde
 - Hydrocarbons
 - Carbon monoxide and carbon dioxide

Section 11: Toxicological Information

Information on toxicological effects

- **Acute toxicity:**
 - **LD/LC50 values that are relevant for classification:**
 - 868-77-9 2-hydroxyethyl methacrylate**

Oral	LD50	5050 mg/kg (rat)
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 - 80-15-9 Cumene hydroperoxide**

Oral	LD50	382 mg/kg (rat)
Dermal	LD50	500 mg/kg (rat)
Inhalative	LC50/4h	220 mg/l (rat)
 - 128-44-9 Saccharin**

Oral	LD50	1280 mg/kg (rat)
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 - **Primary irritant effect:**
 - **on the skin:** Irritant to skin and mucous membranes.
 - **on the eye:** Irritating effect.
 - **Sensitization:** Sensitization possible through skin contact.
 - **Additional toxicological information:**

The product shows the following dangers according to internally approved calculation methods for preparations:
Irritant
 - **Carcinogenic categories**
 - **IARC (International Agency for Research on Cancer)**

None of the ingredients is listed.
 - **NTP (National Toxicology Program)**

None of the ingredients is listed.
 - **OSHA-Ca (Occupational Safety & Health Administration)**

None of the ingredients is listed.

Section 12: Ecological Information

Toxicity

- **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability** No further relevant information available.
- **Behaviour in environmental systems:**
 - **Bioaccumulative potential** No further relevant information available.
 - **Mobility in soil** No further relevant information available.
- **Additional ecological information:**
 - **General notes:**

Water hazard class 1 (Self-assessment): slightly hazardous for water
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
 - **Results of PBT and vPvB assessment**
 - **PBT:** Not applicable.
 - **vPvB:** Not applicable.
 - **Other adverse effects** No further relevant information available.

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Section 13: Disposal Considerations

- **Waste treatment methods**
- **Recommendation:** Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packaging's:**
- **Recommendation:** Disposal must be made according to official regulations.

Section 14: Transport Information

ROAD AND RAIL TRANSPORT

UN-Number

- | | |
|---------------------------------------------------------------------------|-----------------|
| - DOT, ADN, IMDG, IATA | not regulated |
| - UN proper shipping name | |
| - DOT, ADN, IMDG, IATA | not regulated |
| - Transport hazard class(es) | |
| - DOT, ADN, IMDG, IATA | |
| - Class | not regulated |
| - Packing group | |
| - DOT, IMDG, IATA | not regulated |
| - Environmental hazards: | |
| - Marine pollutant: | No |
| - Special precautions for user | Not applicable. |
| - Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code | Not applicable. |
| - UN "Model Regulation": | - |

Section 15: Regulatory Information

Safety, health and environmental regulations/legislation specific for the substance or mixture

- **Sara**
- **Section 355 (extremely hazardous substances):**
None of the ingredients is listed.
- **Section 313 (Specific toxic chemical listings):**
80-15-9 Cumene hydroperoxide
ethylene glycol
- **TSCA (Toxic Substances Control Act):**
Polyethylene glycol dimethacrylate
2-hydroxyethyl methacrylate
Ethoxylated Bisphenol A Dimethacrylate Esters
Cumene hydroperoxide
Saccharin
Propylene glycol
ethylene glycol
2'-phenylacetohydrazide
1,4-naphthoquinone
Deionized water
- **Proposition 65**
- **Chemicals known to cause cancer:**
None of the ingredients is listed.
- **Chemicals known to cause reproductive toxicity for females:**
None of the ingredients is listed.
- **Chemicals known to cause reproductive toxicity for males:**
None of the ingredients is listed.
- **Chemicals known to cause developmental toxicity:**
None of the ingredients is listed.
- **Carcinogenic categories**
- **EPA (Environmental Protection Agency)**
None of the ingredients is listed.
- **TLV (Threshold Limit Value established by ACGIH)**
ethylene glycol A4
- **NIOSH-Ca (National Institute for Occupational Safety and Health)**
None of the ingredients is listed.
- **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

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Section 16: Other Information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Department issuing SDS:** ND Industries, Inc. - Safety, Health and Environmental Affairs

- **Contact:** Safety, Health and Environmental Affairs

- **Date of preparation / last revision** 5th Feb 2019 / 1

- **Abbreviations and acronyms:**

ADR: Accord European sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road) IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

ACGIH: American Conference of Governmental Industrial Hygienists

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA)

VOC: Volatile Organic Compounds (USA, EU)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2

Eye Irrit. 2A: Serious eye damage/eye irritation, Hazard Category 2A

Skin Sens. 1: Sensitisation - Skin, Hazard Category 1

- * **Data compared to the previous version altered.**

- **Disclaimer**

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