



MATERIAL SAFETY DATA SHEET

SECTION 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: NORDBAK PNEU WEAR (RESIN)

Proper Shipping Name: None allocated

Product Code(s): 978755, 979698

Part Number(s): 42069 (2 kg kit), 42089(10 kg kit)

Use: This product is a two-part epoxy adhesive which is used to protect processing equipment from fine particle abrasion. NORDBAK PNEU WEAR (RESIN) is used in conjunction with NORDBAK PNEU WEAR (HARDENER).

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TECHNOLOGIES
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SECTION 2. HAZARDS IDENTIFICATION

STATEMENT OF HAZARDOUS NATURE:

Hazardous according to the criteria of ASCC. This material has been classified as Irritant (Xi).

Risk phrase(s):

R36/38 Irritating to eyes and skin.
R43 May cause sensitisation by skin contact.

Safety phrase(s):

S24/25 Avoid contact with skin and eyes.
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S28 After contact with skin, wash immediately with plenty of soap suds.
S37/39 Wear suitable gloves and eye/face protection.
S46 If swallowed, seek medical advice immediately and show this container or label.

DANGEROUS GOODS INFORMATION:

Not classified as Dangerous Goods according to the criteria of the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code).

SUSDP POISON SCHEDULE: 5

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENTS:

CHEMICAL ENTITY	CAS NO.	PROPORTION
Aluminium oxide	[1344-28-1]	30-60%bw/w
Epoxy resin		10-30%w/w
Silicon carbide	[409-21-2]	5-10% w/w
Treated fumed silica	[67762-90-7]	1-5% w/w
Neopentyl glycol diglycidyl ether	[17557-23-2]	1-5% w/w
Magnesium oxide	[1309-48-4]	1-5% w/w
Silica amorphous (fumed)	[7631-86-9]	1-5% w/w
2-Ethylhexyl glycidyl ether	[2461-15-6]	1-5% w/w

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SECTION 4. FIRST AID MEASURES

- Ingestion:** If swallowed, **do not induce** vomiting. Seek medical attention or contact a Poisons Information Centre (Phone 13 11 26).
- Skin:** Remove contaminated clothing and wash affected areas with plenty of soap and water. If irritation occurs, seek medical attention.
- Eyes:** Hold eyes open and flush with water for at least 15 minutes. Seek medical attention or contact a Poisons Information Centre (Phone 13 11 26).
- Inhalation:** If inhaled, remove from contaminated area. For all but the most minor symptoms, arrange for patient to be seen by a doctor.
- Advice to doctor:** Treat symptomatically.
- First Aid facilities:** Eye wash and normal washroom facilities

SECTION 5. FIRE FIGHTING MEASURES

Suitable extinguishing media: Carbon dioxide, foam, dry chemical. Do not use high pressure water jets.

Hazards from combustion products: Combustible liquid. In a fire, it will emit oxides of carbon and noxious fumes.

Precautions for fire fighters and special protective equipment: If there is a risk of exposure to products of combustion, then fire-fighters should wear full protective clothing and self-contained breathing apparatus. Closed containers may rupture (due to a build up of pressure) if exposed to extreme heat.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Wear impervious gloves, chemical goggles and waterproof boots. Contain and collect spillage with inert absorbent materials (e.g. sand, earth, vermiculite). Transfer to sealable containers suitable for storing spilled material. Use a polar organic solvent to clean up areas in contact with spilled material. Do not allow product to enter watercourse. Dispose of solid residues in chemical waste disposal area in accordance with relevant State and Federal requirements.

SECTION 7. HANDLING AND STORAGE

Safe Handling: Observe recommendations made under SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION. Wear impervious gloves and chemical splash goggles. Upon mixing epoxy resin with hardener, the adhesive will release heat and begin to cure. Do not cut or heat empty containers as they may contain product residue. If the cured material is dry sanded or cut, dust may be generated. In such a case, wear an approved particulate respirator.

Storage: Store indoors in a cool, dry, well ventilated area away from heat and open flames. Keep containers sealed when not in use. Protect from physical damage and sunlight. This product should be stored at a temperature between 8°C and 28°C.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

National exposure standards: None established

Engineering controls: A local mechanical exhaust system is required where vapour is being generated.



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Personal protective equipment: Use good industrial hygiene. Avoid contact with skin and eyes. Wear overalls, safety footwear, impervious gloves and chemical splash goggles or full face shield. Use in a well ventilated area. If inhalation risk exists, wear a respirator complying with the requirements of AS 1715 and AS 1716.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical data:

Appearance: Dark grey liquid
Specific gravity: Not available
Solubility: Insoluble in water

SECTION 10. STABILITY AND REACTIVITY

Chemical stability: Stable under normal conditions of temperature and pressure.

Conditions to avoid: Avoid strong heat sources, flames and sparks.

Incompatible materials: Keep away from acids, bases and oxidising agents.

Hazardous decomposition products: When heated to decomposition, it will emit oxides of carbon and noxious fumes.

Other reactions: Exothermic polymerisation will occur with epoxy curing agents.

SECTION 11. TOXICOLOGICAL INFORMATION

HEALTH EFFECTS:

Acute:

Ingestion: May be harmful if swallowed. This product will cause irritation to the mouth, throat and digestive tract.

Skin: Contact with the skin will cause irritation. This product may cause skin sensitisation in susceptible individuals.

Eyes: Contact with the eyes can cause severe irritation.

Inhalation: Inhalation of vapour from the heated product may cause irritation to the nose and throat.

Chronic: Repeated skin contact may lead to dermatitis.

Toxicity information: None available.

SECTION 12. ECOLOGICAL INFORMATION

Do not contaminate waterways and soil. This material may cause harmful effects to aquatic organisms.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal of this material should be undertaken by a registered chemical disposal company. Empty containers should be cleaned with a polar organic solvent and then recycled or disposed of at approved land waste site. Liquid solvent waste should be collected for disposal by incineration in an approved incineration plant.

SECTION 14. TRANSPORT INFORMATION

Not classified as Dangerous Goods according to the criteria of the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code).



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SECTION 15. REGULATORY INFORMATION

SUSDP POISON SCHEDULE: 5

SECTION 16. OTHER INFORMATION

Abbreviations/acronyms:

ASCC - Australian Safety and Compensation Council

SUSDP - Standard for the Uniform Scheduling of Drugs and Poisons

DISCLAIMER:

The percentage weight (% w/w) of ingredients is not to be taken as a specification guaranteed by Henkel Australia Pty. Limited, but only as an approximate guide to the content of hazardous ingredients in the material. The information contained herein does not constitute a guarantee by Henkel Australia Pty. Limited concerning the properties of the material.

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