

Material Safety Data Sheet

MSDS: Nu-Prime

Date of Issue: June 2004
Supersedes Issue Date: May 1992

Nu-Prime

Company Details

Nutech Paint Pty Ltd (A.B.N. 94 242 116 396)
4 Keppler Circuit, Seaford, Victoria 3198, Australia
Tel: (03) 9775 1491 Fax: (03) 9775 1680
Emergency Telephone 000

Product Identification

This product is classified as non-hazardous according to criteria of Worksafe Australia

Product Name: Nu-Prime
Other Names:
Shipping Name: Paint
U.N. Number: N/A
D.G. Class: N/A
Subsidiary Risk: N/A
Hazchem Code: N/A
Packaging Group: N/A
Poisons Schedule: N/A
Chemical Description: Styrene/acrylate resin emulsion
Use: Coating for concrete and masonry

Physical Description / Properties

Appearance: Clear viscous liquid
Odour: Slight ammonia &/or fruity
Boiling Point (°C): 100 (water)
pH: 9
Relative Density: 1.01
Shelf Life: 18 months
Flammability Limits: N/A
Solubility in Water: Soluble
Solubility in Organic Solvents: Immiscible
Vapour Pressure (kPa): N/A
Volatiles %: 25
Flash Point (°C): N/A

Ingredients

<u>Chemical Entity</u>	<u>C.A.S. Number</u>	<u>Proportions %</u>
Styrene/Acrylates	N/A	40 - 60
Ammonia	N/A	< 5
Glycol	N/A	< 5

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Health Hazard Information

Health Effects

Effects of Overexposure – Acute

If swallowed is not expected to be harmful. May be irritant, prolonged or repeated contact with skin may result in irritation or rash. Excessive exposure to vapours or spray mist may cause irritation to eyes, nose and throat.

Effects of Exposure – Chronic

No data supplied, but is not expected to be harmful.

Emergency and First Aid Procedures

Swallowed

Do not induce vomiting. Give a glass of water and seek immediate medical attention.

Eye

Immediately hold open eyes and flush with water continuously for at least fifteen minutes. Seek medical attention.

Skin

Remove contaminated clothing and wash affected area with plenty of soap and water.

Inhaled

Remove to fresh air and apply artificial respiration if not breathing. Keep person calm and seek medical attention.

Advice to Doctor

Treat symptomatically

Precautions for Use

Exposure Standards

50 ppm for 8 hour working day exposure

Engineering Controls

Avoid heating product

Ventilation

Use in well ventilated area or use local exhaust - face velocity > 20 m/min.

Personal Protection

Gloves: Long impervious PVC

Overalls: Cotton

Eyes: Goggles

Respiratory: Brush or Roller Application: Type A, Class 1 organic vapour (to AS1715) (eg 3M Easicare 5101/5201/5301, Type 1A)

Spray Application: Above, in conjunction with Class P1 particle filter

Other: Practice strict hygiene - wash before breaks and after finishing

Flammability Non flammable liquid

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Safe Handling Information

Storage and Transport

Store under cover of direct sunlight and frost. Avoid extremes of temperature. Ensure adequate ventilation.

Spill

Wear appropriate protection equipment. Do not contaminate streams, rivers or watercourses. Do not flush down drains or sewers, if liquid does enter advise local authority. Dike and contain spill with sand or earth. Clean up before material dries absorb liquid with sand or other absorbent. Place used absorbent in suitable, sealed labelled containers.

Waste Disposal

Observe all Federal, State and Local regulations. Dispatch sealed labelled material to approved waste authority.

Fire / Explosion Hazard

Explosion Limit Upper:

N/A

Explosion Limit Lower:

N/A

Dust Explosion Hazard:

N/A

Hazardous Decomposition Products:

Smoke, carbon monoxide (from dried polymer film)

Hazardous Polymerisation Products/Reactions:

Unlikely

Extinguishing Media:

Water, foam, carbon dioxide, dry chemical. Cool drums with water spray

Other Precautions:

Fire fighter should wear self-contained breathing apparatus in fire situations.

Contact Points

Nutech Paint Pty Ltd: (03) 9775 1491

Poisons Information Centre: 131 126

Fire Brigade: 000

Ambulance: 000

Police: 000

Key to Abbreviations

N/A Not applicable

NAS Not assigned

°C Degrees Celsius

k/Pa Kilopascals

m/min

We cannot anticipate all conditions under which this information and our products may be used. Users are advised to make their own tests to determine the safety and suitability of each product. All information in this Data Sheet is as up to date as possible. No warranty expressed or implied is made to the accuracy, reliability or completeness of this data. Nutech assumes no responsibility for personal injury or property damage to vendors, users or third parties caused by the material. Such vendors or users assume all risks associated with the use of the material.