

Material Safety Data Sheet

MSDS: Nu-Flex

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

Nu-Flex

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-Flex
Other Names: Nuflex Roof Coating, Nuflex Matt Roof Coating, Nutech Roof Coating
Acrylic
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: Acrylate resin emulsion
Use: Exterior coating for concrete and masonry

Physical Description / Properties

Appearance: Clear or pigmented viscous liquid
Odour: Slight ammonia &/or fruity
Boiling Point (°C): 100 (water)
pH 9
Relative Density: 1.01
Shelf Life: 18 months
Other Properties:
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
Auto Ignition Temp. N/A

Ingredients

<u>Chemical Entity</u>	<u>C.A.S. Number</u>	<u>Proportions %</u>
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

Not expected to be harmful, may be an eye irritant, prolonged use 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

N/A, but is not expected to be harmful.

Emergency and First Aid Procedures

Swallowed

Seek immediate medical attention. Decision on induction of vomiting should be made by a properly qualified person.

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 temperatures. 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.