

# 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.