
MATERIAL SAFETY DATA SHEET

This material is non hazardous according to the criteria of HSNO.
Not classified as Dangerous Goods by NZS 5433:1999 Transport of Dangerous Goods on Land.

1. Identification of the substance/preparation and of the company

Product Name: FORTIS COAT526 GLOSS/MATT/SATIN
Recommended Use: Floor Coating
Emergency Telephone: 13-11-26

2. Composition/information on hazardous ingredients

Product Description: Two pack polyurethane

Water-thinnable fatty acid modified polyurethane resin		>50%
N-methyl-2-pyrrolidone	872-50-4	<5%
Monoethanolamine	141-43-5	<0.5%

3. Hazards identification

This product is not hazardous.

4. First-aid measures

If poisoning occurs, contact a doctor or Poisons Information Centre Phone 13-11-26.

Ingestion: If swallowed, do NOT induce vomiting. Seek immediate medical assistance. Begin artificial respiration if breathing has stopped. Use mouth to nose rather than mouth to mouth.

Inhalation: Remove to fresh air.

Skin Contact: If skin or hair contact occurs, immediately remove contaminated clothing and clean skin and hair with plenty of soap and water.

Eye Contact: If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor.

Notes to physician:
No information available.

5. Fire-fighting measures

Specific Hazards: Not flammable

Fire-fighting advice: Fire fighters to wear self-contained breathing apparatus and suitable protective clothing.

Suitable Extinguishing Media:

Use water spray for larger fires. For smaller fires use foam, dry agent (carbon dioxide, dry chemical powder).

6. Accidental release measures

Do not empty into drains. Ensure adequate ventilation/exhaust ventilation. Keep unauthorized persons away. Remove mechanically cover residues with chemical binder or dry sand and store in closed containers. Collect in properly labeled containers.

7. Handling and storage

Handling advice: Avoid skin and eye contact and breathing in vapour.

Storage advice: Store in a cool, dry, well-ventilated place and out of direct sunlight. Store away from foodstuffs.

8. Exposure controls/personal protection**Occupational Exposure Limits:**

No value assigned for this specific material by the New Zealand Occupational Safety and Health Service (OSH). However, Workplace Exposure Standard(s) for constituent(s):

N-methyl-2-pyrrolidone (skin, 2001): TWA 25ppm, 103 mg/m³, STEL 75ppm, 309mg/m³

Engineering Control Measures:

Ensure ventilation is adequate and that air concentrations of components are controlled below quoted Exposure Standards. Keep containers closed when not in use.

Personal Protective Equipment:

Wear overalls, chemical goggles and impervious gloves. Use with adequate ventilation. If inhalation risk exists or spraying, wear organic vapour/particulate respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use.

9. Physical and chemical properties

Physical state:	liquid
Colour:	white
Solubility:	miscible
Specific Gravity:	1.0
Flash Point (°C):	>100°C
Flammability Limits (%):	1.3-9.5 (for n-methyl-2-pyrrolidone)
Boiling Point/Range (°C):	99

10. Stability and reactivity

Stability: Hazardous decomposition products: on drying of the coating/hardening release of neutralizing agent (1% triethylamine)

11. Toxicological information

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

Ingestion: None expected

Eye contact: Non-irritant.

Skin contact: May cause sensitization by skin contact.

Inhalation: Over exposure especially when spraying coatings containing isocyanate without necessary precautions entails risk of concentration dependent irritating effects on the nose, throat and respiratory tract.

Long Term Effects:

Over-exposure, especially when spraying coatings containing isocyanate without the necessary precautions entails the risk of concentration-dependent irritating effects on eyes, nose, throat and respiratory tract. Delayed appearance of the complaints and development of hypersensitivity are possible. Hypersensitive persons may suffer from these effects even at low isocyanate concentrations.

Toxicological Data:

No LD50 data available for the product.

However, for resin constituent:

Oral LD50 (rat): >2000 mg/kg

12. Ecotoxicological information

Not readily degradable. Avoid contaminating waters, wastewater or soil. Notify authorities if water supply is contaminated.

13. Disposal considerations

Refer to Waste Management Authority. Dispose of material through a licensed waste contractor. Normally suitable for incineration by an approved agent.

14. Transport information

Road and Rail Transport

Not classified as Dangerous Goods by NZS 5433:1999 Transport of Dangerous Goods on Land.

Marine Transport

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

Air Transport

Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

15. Regulatory information

Classification: This material is not hazardous according to the criteria of HSNO.

16. Other information

While we believe that the information contained herein is based on data considered accurate, no warranty or representation is expressed or implied for which Fortis assumes legal responsibility. No reliance should be placed upon the information without it first being given your due consideration, investigation and verification.