



MATERIAL SAFETY DATA SHEET-FLEX F1000 POLYURETHANE RESIN

SECTION 1 - PRODUCT IDENTIFICATION AND USE

Product Name: FLEX F1000 POLYURETHANE RESIN
Product ID No.: Not Regulated WHMIS Class: D2A
NAERG: 156
Product Use: Polyurethane-Based Chemical Grout
Manufacturer: Tecinvest N.V. Netweg 4
Gulkenrodestraat 3, Wommelgem, Belgium
Phone: 011 32 3 844 1120
Supplier: SPECTON
12 Wallace Street
Acton, Ontario. L7J 2V6

SECTION 2 - HAZARDOUS INGREDIENTS

Ingredient	%	CAS#
Diphenylethane 4,4'-diisocyanate	< 1 %	101-68-8

SECTION 3 - PHYSICAL DATA

Physical State: Yellow Liquid
Odor & Appearance: Low odor, oily liquid
Odor Threshold: Not Available
Vapor Pressure: 10^{-5} MBAR at 25°C
Vapor Density: 1.0
Evaporation Rate: Low
Boiling Point: >200°C
Freezing Point: <0°C
pH: Neutral
Specific Gravity: 1.05
Coef. H₂O/oil Dist.: < 1

SECTION 4 - FIRE AND EXPLOSION DATA

Flammability: No
Means of extinction: CO₂, Halon
Flashpoint: >150°C (Pensky-Martens Closed Cup)
Upper Flammable Limit: Not Available
Lower Flammable Limit: Not Available
Autoignition Temperature: >400°C
Hazardous Combustible Products: CO & No_x
Explosion Data: Not Available

SECTION 5 - REACTIVITY DATA

Chemical Stability:
Viscosity Growth <20 mPa.s/month.
Incompatible with other substances containing reactive hydroxyl -
and amino - groups; strong alkalines.
Reactivity:
Reacts with water, generates CO₂.
Beware of pressure build up in closed containers.
Reacts vigorously with strong alkali and amines.
Hazardous Decomposition Products: None

SECTION 6 - TOXICOLOGICAL PROPERTIES

Route of Entry:
Skin Contact: Yes Skin Absorption: Yes
Eye Contact: Yes Inhalation: Yes
Ingestion: Yes
Effects of Acute Exposure:
Skin: Irritation
Eyes: Irritation
Inhalation: Coughing, tightening in the chest
Ingestion: Not Available
Effects against Chronic Exposure to Products: Not Available
Exposure Limits: Not Available
Irritancy of Product: Skin, eyes, respiratory tract
Sensitization to Product: Free unreacted monomer will cause
lung sensitization.
Carcinogenicity: Not listed by IARC
Teratogenicity: Not Available Reproductive Toxicity: Not Available
Mutagenicity: Not Available Synergistic Products: Not Available

SECTION 7 - PREVENTIVE MEASURES

Personal Protective Equipment:

Use safety goggles.
Use PVC or neoprene industrial gloves.
Use protective clothing, with long sleeves and long pants.
Maintain eye bath in work area.

Engineering Controls:

Use in mechanically ventilated areas.
Do not spray; avoid formation of aerosols.
Beware of pressure buildup in closed containers.

Leak and Spill Procedure:

Absorb with conventional absorbents
Dispose according to local regulations.

Waste Disposal:

Absorb with conventional absorbents
Dispose according to local regulations.

Handling Procedures and Equipment:

Handle with care.
Do not open containers until at working place.

Storage Requirements:

Any convenient location or temperature.
Not permanently affected by freezing.
Warm up materials prior to use.

Special Shipping Instructions: None

SECTION 8 - FIRST AID MEASURES

Skin Contact: Wash with lots of water
Eye contact: Wash with lots of water
and seek medical attention.

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SECTION 9 - PREPARATION DATE OF MSDS

Prepared by: SPECTON
Phone: 1-866-773-2866
Date: January 16, 2015