



MATERIAL SAFETY DATA SHEET

SECTION I MATERIAL NAME / IDENTIFIER

NAMAC PENETRATING FLOOR PREP WHMIS: Toxic Material (D2B)

Manufacturer's Name: NAMAC INDUSTRIES INC.
Street Address: 5750 TIMBERLEA BLVD., UNIT #12
City: MISSISSAUGA, ONTARIO
Postal Code: L4W 5N8

Emergency Telephone: Canutec (613) 996-6666 (Collect)

Chemical Name: Not applicable
Chemical Family: Not applicable
Chemical Formula: Proprietary blend
Trade Name & Synonyms: Not applicable
Molecular Weight: Not applicable
Material Use: Hardwood Floor Cleaner

SECTION II HAZARDOUS INGREDIENTS

Hazardous Ingredients	Approx Conc %	C.A.S. N.A. U.N. Number	LD 50 Specify Species & Route (Oral, RAT)	LC 50 Specify Species & Route (Inhal, RAT)
Dipropylene Glycol Monomethyl Ether	1.0-5.0	34590-94-8	5130mg/kg	Not available
Amonium Hydroxide	1 - 5	1336-21-6	350mg/kg	Not available

SECTION III PHYSICAL DATA FOR MATERIAL

Physical State: Gas Liquid X Solid
Odour & Appearance: Clear yellow green liquid
Odour Threshold (Ppm): Not available
Specific Gravity: 1.000
Vapour Pressure (Mm): Not available
Vapour Density (Air-1): Not available
Evaporation Rate: Not available
Boiling Point: 100 deg C
Freezing Point (C): Not available
Solubility In Water (20c): 100 % Soluble
% Volatile (By Weight) 99.0
Ph: 11.00
Coefficient Of Water/Oil Distribution: Not available



MATERIAL SAFETY DATA SHEET

SECTION IV - FIRE & EXPLOSION HAZARD OF MATERIAL

Flammability: Yes No X
 If Yes, Under Which Conditions?: Not applicable
 Means Of Extinction: Use media to extinguish source of fire
 Special Procedures: Wear self contained breathing apparatus when fire fighting.
 Flashpoint (Celsius) And Method: None
 Autoignition Temperature (Celsius): None
 Lower Explosion Limit (% By Volume): None
 Upper Explosion Limit (% By Volume): None
 Hazardous Combustion Products: CO, CO2, Oxides of Nitrogen

EXPLOSION DATA

Sensitivity To Mechanical Impact: None Sensitivity To Static Discharge: None

SECTION V REACTIVITY DATA

Chemical Stability: Yes X No
 If No, Under Which Conditions?: Not applicable
 Incompatibility To Other Substances: Yes X No
 If So, Which Ones: Oxidizing compounds
 Reactivity And Under What Conditions: None known
 Hazardous Decomposition Products: CO, CO2, Oxides of Nitrogen

SECTION VI TOXICOLOGICAL PROPERTIES OF MATERIAL

Route Of Entry:

: Skin Contact X : Skin Absorption : Eye Contact X
 : Inhalation Acute : Inhalation Chronic : Ingestion X

EFFECTS OF ACUTE EXPOSURE TO MATERIAL

Skin: Contact may cause irritation and defatting of skin
 Eye: Contact may cause irritation or burning of eyes
 Inhalation: None expected
 Ingestion: Gastrointestinal upset, vomiting and possible diarrhea

Effects Of Chronic Exposure To Material: None known

Other Health Effects: None known

Ld 50 Of Material (Specify Species And Routes): See section II

Lc 50 Of Material (Specify Species And Routes): See section II

Exposure (Limits): Dipropylene Glycol Monomethyl Ether TWAEV 605mg/m³, STEV 910 mg/m³

Irritancy Of Material: Skin and eye irritant

Sensitization Of Material: None known

Synergistic Materials: None known



MATERIAL SAFETY DATA SHEET

Carcinogenicity, Mutagenicity, Reproductive Effects, Teratogenicity: None known

SECTION VII PREVENTATIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT

Gloves (Specify): Latex or rubber gloves if prolonged skin contact is likely
Eye (Specify): Safety glasses/goggles if eye contact is likely
Respiratory (Specify): None
Other (Specify): None
Engineering Controls (e.g. Ventilation, Enclosed Process – Specify): None required
Leak And Spill Procedure: Absorb with synthetic or natural absorbent and collect for disposal. Flush area with plenty of water
Waste Disposal: Dispose absorbed material in accordance with Federal, Provincial and local government regulations
Handling Procedures And Equipment: None
Storage Requirements: None
Special Shipping Information: **Transportation:** Not regulated
Class:
Pkg. Group:
P.I.N./Un:

SECTION VIII FIRST AID MEASURES

Skin: Wash thoroughly with soap and water.
Eye: Flush eyes with plenty of water for 15minutes. Seek medical attention if irritation persists
Inhalation: Seek immediate medical attention if mists are inhaled
Ingestion: Drink 2 or 3 glasses of water to dilute and contact a physician immediately

SECTION IX PREPARATION DATE OF M.S.D.S.

Prepared By (Group, Department, Etc.): Plant Chemist **Telephone:** (905) 602-9569

Preparation Date: February 10, 2009

Date Of Latest Revision/Review:

Additional Notes Or References:

While NAMAC INDUSTRIES INC. believes that the data contained herein are factual and the opinions expressed are those of qualified experts regarding the results of the tests conducted, the data are not to be taken as a warranty or representation for which NAMAC INDUSTRIES INC. assumes legal responsibility. They are offered solely for your consideration and verification. Any use of this data and information must be determined by the user to be in accordance with applicable Federal, Provincial and local laws and regulations.