Conforms to ANSI Z400.5-2004 Standard (United States, Canada).

Material Safety Data Sheet

NIVELTECH

1 . Product and company identification

Common name : **NIVELTECH**

Material uses : Self-levelling, self-smoothing, fast-drying screed for restoration and resurfacing of interior surfaces.

Supplier/Manufacturer : Sable Marco,Inc.
26, Chemin de la Pêche
Pont-Rouge, QC
G3H 1C3
1-418-873-4509

In case of emergency : CANUTEC (613) 996-6666

MSDS authored by: : Atrion Regulatory Services, Inc. 08/31/2007

2 . Hazards identification

Physical state : Solid. [Powder.]

Color : Gray-brown.

Hazard status : This material is classified hazardous under OSHA regulations in the United States and the WHMIS Controlled Product Regulation in Canada.

Emergency overview : DANGER !

CAUSES RESPIRATORY TRACT AND EYE BURNS. MAY CAUSE ALLERGIC RESPIRATORY REACTION. MAY BE HARMFUL IF SWALLOWED. CONTAINS MATERIAL THAT CAN CAUSE TARGET ORGAN DAMAGE. CANCER HAZARD - CONTAINS MATERIAL WHICH CAN CAUSE CANCER.

Do not get in eyes or on skin or clothing. Do not breathe dust. Keep container closed. Use only with adequate ventilation. Wash thoroughly after handling. Risk of cancer depends on duration and level of exposure.

Routes of entry : Dermal contact. Eye contact. Inhalation. Ingestion.

Potential acute health effects

Eyes : Corrosive to eyes. Causes burns.

Skin : No known significant effects or critical hazards.

Inhalation : Corrosive to the respiratory system. May cause sensitization by inhalation.

Ingestion : May be harmful if swallowed.

Potential chronic health effects : **CARCINOGENIC EFFECTS**: Classified 1 (Known to be human carcinogens.) by NTP, + (Proven.) by OSHA, + (Proven.) by NIOSH [Natural sand]. Classified A2 (Suspected for humans.) by ACGIH, 2A (Probable for human.) by IARC [Natural sand]. Classified A4 (Not classifiable for humans or animals.) by ACGIH [Magnesium oxide]. Classified A4 (Not classifiable for humans or animals.) by ACGIH [Kaolin].
MUTAGENIC EFFECTS: Not available.
TERATOGENIC EFFECTS: Not available.

Medical conditions aggravated by over-exposure : Repeated skin exposure can produce local skin destruction or dermatitis. Repeated exposure of the eyes to a low level of dust can produce eye irritation. Repeated or prolonged exposure to the substance can produce target organs damage.

See toxicological information (section 11)

3 . Composition/information on ingredients

United States

Name	CAS number	%
Natural sand	14808-60-7	15 - 50
Limestone	1317-65-3	5 - 25
Portland cement mixture	65997-15-1	1 - 40
Gypsum	13397-24-5	<7
Calcium sulfate	7778-18-9	<4
Magnesium oxide	1309-48-4	<3
Lithium carbonate	554-13-2	<2
Kaolin	1332-58-7	<2

Canada

Name	CAS number	%
Natural sand	14808-60-7	15 - 50
Limestone	1317-65-3	5 - 25
Portland cement mixture	65997-15-1	1 - 40
Gypsum	13397-24-5	<7
Calcium sulfate	7778-18-9	<4
Magnesium oxide	1309-48-4	<3
Lithium carbonate	554-13-2	<2
Kaolin	1332-58-7	<2

4 . First aid measures

Eye contact : Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention immediately.

Skin contact : In case of contact, immediately flush skin with plenty of water for at least 20 minutes. Get medical attention immediately.

Inhalation : If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately.

Ingestion : Do not induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention immediately.

Notes to physician : No specific antidote. Medical staff must contact Poison Control Center.

5 . Fire-fighting measures

Flammability of the product : Non-flammable.

Extinguishing media

Suitable : Use an extinguishing agent suitable for the surrounding fire.

Not suitable : None known.

Special exposure hazards : No specific fire or explosion hazard.

Special protective equipment for fire-fighters : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

6 . Accidental release measures

Personal precautions : Avoid breathing dust. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment (see section 8).

Environmental precautions : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Methods for cleaning up : Prevent entry into sewers, water courses, basements or confined areas. Vacuum or sweep up material and place in a designated, labeled waste container. Avoid creating dusty conditions and prevent wind dispersal. Dispose of via a licensed waste disposal contractor. Note: see section 1 for emergency contact information and section 13 for waste disposal.

7 . Handling and storage

Handling : Put on appropriate personal protective equipment (see section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Persons with a history of asthma, allergies or chronic or recurrent respiratory disease should not be employed in any process in which this product is used. Do not get in eyes or on skin or clothing. Do not breathe dust. Do not ingest. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate.

Storage : Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

8 . Exposure controls/personal protection

United States

Product name	Exposure limits
Natural sand	**ACGIH TLV (United States, 1/2006).** TWA: 0.025 mg/m³ 8 hour(s). Form: Respirable fraction **NIOSH REL (United States, 12/2001).** TWA: 0.05 mg/m³ 10 hour(s). **OSHA PEL 1989 (United States, 3/1989).** TWA: 0.1 mg/m³, (as quartz) 8 hour(s). Form: Respirable dust **OSHA PEL Z3 (United States, 9/2005).** TWA: 10 mg/m³ 8 hour(s). Form: Respirable TWA: 30 mg/m³ 8 hour(s). Form: Total dust. TWA: 250 MPPCF 8 hour(s). Form: Respirable
Limestone	**NIOSH REL (United States, 12/2001).** TWA: 5 mg/m³ 10 hour(s). Form: Respirable fraction TWA: 10 mg/m³ 10 hour(s). Form: Total **OSHA PEL (United States, 11/2006).** TWA: 5 mg/m³ 8 hour(s). Form: Respirable fraction TWA: 15 mg/m³ 8 hour(s). Form: Total dust
Gypsum	**ACGIH TLV (United States, 1/2006).** TWA: 10 mg/m³ 8 hour(s). Form: Inhalable fraction **NIOSH REL (United States, 12/2001).** TWA: 5 mg/m³ 10 hour(s). Form: Respirable fraction TWA: 10 mg/m³ 10 hour(s). Form: Total **OSHA PEL (United States, 11/2006).** TWA: 5 mg/m³ 8 hour(s). Form: Respirable fraction TWA: 15 mg/m³ 8 hour(s). Form: Total dust

Calcium sulfate	**ACGIH TLV (United States, 1/2005).** TWA: 10 mg/m³ 8 hour(s). Form: All forms. **NIOSH REL (United States, 12/2001).** TWA: 5 mg/m³ 10 hour(s). Form: Respirable fraction TWA: 10 mg/m³ 10 hour(s). Form: Total **OSHA PEL (United States, 8/1997).** TWA: 5 mg/m³ 8 hour(s). Form: Respirable fraction TWA: 15 mg/m³ 8 hour(s). Form: Total dust **ACGIH TLV (United States, 1/2006).** TWA: 10 mg/m³ 8 hour(s). Form: Inhalable fraction **NIOSH REL (United States, 12/2001).** TWA: 5 mg/m³ 10 hour(s). Form: Respirable fraction TWA: 10 mg/m³ 10 hour(s). Form: Total **OSHA PEL (United States, 11/2006).** TWA: 5 mg/m³ 8 hour(s). Form: Respirable fraction TWA: 15 mg/m³ 8 hour(s). Form: Total dust **OSHA PEL 1989 (United States, 3/1989).** TWA: 5 mg/m³ 8 hour(s). Form: Respirable fraction TWA: 15 mg/m³ 8 hour(s). Form: Total dust
Magnesium oxide	**ACGIH TLV (United States, 1/2006).** TWA: 10 mg/m³ 8 hour(s). Form: Fume **OSHA PEL (United States, 11/2006).** TWA: 15 mg/m³ 8 hour(s). Form: Total particulates
Kaolin	**ACGIH TLV (United States, 1/2006).** TWA: 2 mg/m³ 8 hour(s). Form: Respirable fraction **NIOSH REL (United States, 12/2001).** TWA: 5 mg/m³ 10 hour(s). Form: Respirable fraction TWA: 10 mg/m³ 10 hour(s). Form: Total **OSHA PEL (United States, 11/2006).** TWA: 5 mg/m³ 8 hour(s). Form: Respirable fraction TWA: 15 mg/m³ 8 hour(s). Form: Total dust

Canada

Product name	Exposure limits
Natural sand	**ACGIH TLV (United States, 1/2006).** TWA: 0.025 mg/m³ 8 hour(s). Form: Respirable fraction
Gypsum	**ACGIH TLV (United States, 1/2006).** TWA: 10 mg/m³ 8 hour(s). Form: Inhalable fraction
Calcium sulfate	**ACGIH TLV (United States, 1/2005).** TWA: 10 mg/m³ 8 hour(s). Form: All forms. TWA: 10 mg/m³ 8 hour(s). Form: Inhalable fraction
Magnesium oxide	**ACGIH TLV (United States, 1/2006).** TWA: 10 mg/m³ 8 hour(s). Form: Fume
Kaolin	**ACGIH TLV (United States, 1/2006).** TWA: 2 mg/m³ 8 hour(s). Form: Respirable fraction

Engineering measures : Use only with adequate ventilation. If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

Eyes : Safety glasses.

Skin : No special protective clothing is required.

Respiratory : Dust respirator.

Hands : Natural rubber (latex).

HMIS Code/Personal protective equipment : E

Personal protection in case of a large spill : Safety glasses, goggles or face shield. Impervious gloves. Full suit. Boots. Wear NIOSH-approved self-contained breathing apparatus or equivalent and full protective gear. Wash hands, forearms and face thoroughly after handling compounds and before eating, smoking and using the lavatory and at the end of the day. Follow good industrial hygiene practice.

9 . Physical and chemical properties

Physical state : Solid. [Powder.]

Color : Gray-brown.

pH : >12.5 [Conc. (% w/w): 1%]

Melting/freezing point : Weighted average: 1723.72°C (3134.7°F)

Solubility : Partially soluble in the following materials: cold water and hot water.

10 . Stability and reactivity

Stability and reactivity : The product is stable.

Incompatibility with various substances : Reactive or incompatible with the following materials: oxidizing materials and acids.

Hazardous decomposition products : Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Hazardous polymerization : Will not occur.

Conditions of reactivity : Not available.

11 . Toxicological information

Acute Effects

Eyes : Corrosive to eyes. Causes burns.

Skin : No known significant effects or critical hazards.

Inhalation : Corrosive to the respiratory system. May cause sensitization by inhalation.

Ingestion : May be harmful if swallowed.

Potential chronic health effects : **CARCINOGENIC EFFECTS**: Classified 1 (Known to be human carcinogens.) by NTP, + (Proven.) by OSHA, + (Proven.) by NIOSH [Natural sand]. Classified A2 (Suspected for humans.) by ACGIH, 2A (Probable for human.) by IARC [Natural sand]. Classified A4 (Not classifiable for humans or animals.) by ACGIH [Magnesium oxide]. Classified A4 (Not classifiable for humans or animals.) by ACGIH [Kaolin].
MUTAGENIC EFFECTS: Not available.
TERATOGENIC EFFECTS: Not available.

Target organs : Contains material which causes damage to the following organs: lungs, upper respiratory tract, eye, lens or cornea.

12 . Ecological information

Ecotoxicity data

Product/ingredient name	Species	Period	Result
Calcium sulfate	Pimephales promelas (LC50)	96 hour(s)	>1970 mg/l
	Lepomis macrochirus (LC50)	96 hour(s)	2980 mg/l

Environmental precautions : No known significant effects or critical hazards.

Products of degradation : Not applicable.

13 . Disposal considerations

Waste disposal : The generation of waste should be avoided or minimized wherever possible. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

14 . Transport information

AERG : 154

Regulatory information	Proper shipping name	Class	UN number	PG	Label
UN / IMDG / IATA Classification	CORROSIVE SOLID, BASIC, INORGANIC N.O.S. (Calcium Oxide)	8	UN3262	III	
DOT Classification	CORROSIVE SOLID, BASIC, INORGANIC N.O.S. (Calcium Oxide)	8	UN3262	III	
TDG Classification	CORROSIVE SOLID, BASIC, INORGANIC N.O.S. (Calcium Oxide)	8	UN3262	III	

15 . Regulatory information

United States

HCS Classification : Corrosive material
Sensitizing material
Carcinogen
Target organ effects

U.S. Federal regulations : TSCA : All components listed.

SARA 302/304/311/312 extremely hazardous substances: No products were found.
SARA 302/304 emergency planning and notification: No products were found.
SARA 302/304/311/312 hazardous chemicals: Natural sand; Kaolin; Lithium carbonate; Magnesium oxide; Limestone
SARA 311/312 MSDS distribution - chemical inventory - hazard identification: Natural sand: Immediate (acute) health hazard, Delayed (chronic) health hazard; Kaolin: Delayed (chronic) health hazard; Lithium carbonate: Delayed (chronic) health hazard; Magnesium oxide: Immediate (acute) health hazard; Limestone: Immediate (acute) health hazard

Clean Water Act (CWA) 307: No products were found.

Clean Water Act (CWA) 311: No products were found.

Clean Air Act (CAA) 112 accidental release prevention: No products were found.

Clean Air Act (CAA) 112 regulated flammable substances: No products were found.

Clean Air Act (CAA) 112 regulated toxic substances: No products were found.

SARA 313

		Product name	CAS number	Concentration
Form R - Reporting requirements	:	Lithium carbonate	554-13-2	1 - 5
Supplier notification	:	Lithium carbonate	554-13-2	1 - 5

SARA 313 notifications must not be detached from the MSDS and any copying and redistribution of the MSDS shall include copying and redistribution of the notice attached to copies of the MSDS subsequently redistributed.

State regulations :

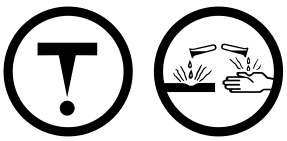
Connecticut Carcinogen Reporting: None of the components are listed.
Connecticut Hazardous Material Survey: None of the components are listed.
Florida substances: None of the components are listed.
Illinois Chemical Safety Act: None of the components are listed.
Illinois Toxic Substances Disclosure to Employee Act: None of the components are listed.
Louisiana Reporting: None of the components are listed.
Louisiana Spill: None of the components are listed.
Massachusetts Spill: None of the components are listed.
Massachusetts Substances: The following components are listed: Natural sand; Limestone; Calcium sulfate; Magnesium oxide;Lithium carbonate
Michigan Critical Material: None of the components are listed.
Minnesota Hazardous Substances: None of the components are listed.
New Jersey Hazardous Substances: The following components are listed: Natural sand; Magnesium oxide;Lithium carbonate
New Jersey Spill: None of the components are listed.
New Jersey Toxic Catastrophe Prevention Act: None of the components are listed.
New York Acutely Hazardous Substances: None of the components are listed.
New York Toxic Chemical Release Reporting: None of the components are listed.
Pennsylvania RTK Hazardous Substances: The following components are listed: Natural sand; Limestone; Gypsum; Calcium sulfate; Magnesium oxide;Kaolin
Rhode Island Hazardous Substances: None of the components are listed.

WARNING: This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.

Ingredient name	Cancer	Reproductive	No significant risk level	Maximum acceptable dosage level
Natural sand	Yes.	No.	No.	No.
Lithium carbonate	No.	Yes.	No.	No.

Canada

WHMIS (Canada) : Class D-2A: Material causing other toxic effects (Very toxic).
Class E: Corrosive material



CEPA DSL: All components listed.

CEPA NDSL: Limestone

This product has been classified in accordance with the hazard criteria of the Canadian CPR and the United States OSHA. This MSDS contains all the information required by the CPR and OSHA, the American National Standard Institute (ANSI) Z400.1.

International regulations

International lists : This product, (and its ingredients) is (are) listed on national inventories, or is (are) exempted from being listed, in Australia (AICS), in Europe (EINECS/ELINCS), in Korea (TCCL), in Japan (METI), in the Philippines (RA6969).

16 . Other information

Label requirements (U.S.A.) : CAUSES RESPIRATORY TRACT AND EYE BURNS. MAY CAUSE ALLERGIC RESPIRATORY REACTION. MAY BE HARMFUL IF SWALLOWED. CONTAINS MATERIAL THAT CAN CAUSE TARGET ORGAN DAMAGE. CANCER HAZARD - CONTAINS MATERIAL WHICH CAN CAUSE CANCER.

Hazardous Material Information System (U.S.A.) :

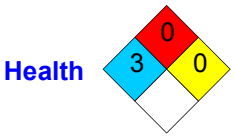
HMIS RATING

Health	*	3
Fire hazard		0
Physical Hazard		0
Personal protection		E

HAZARD RATINGS

4- Extreme
3- Serious
2- Moderate
1- Slight
0- Minimal
See section 8 for more detailed information on personal protection.

National Fire Protection Association (U.S.A.) :



Health
Flammability
Reactivity
Special

References : ANSI Z400.1, MSDS Standard, 2004. - Manufacturer's Material Safety Data Sheet. - 29CFR Part1910.1200 OSHA MSDS Requirements. - 49CFR Table List of Hazardous Materials, UN#, Proper Shipping Names, PG. - Canada Gazette Part II, Vol. 122, No. 2. Registration SOR/88-64, 31 December 1987. Hazardous Products Act "Ingredient Disclosure List" - Canadian Transport of Dangerous Goods, Regulations and Schedules, Clear Language version 2005.

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Version : 1

Notice to reader

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