SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Polished Granite and Marble Sealant  
PRODUCT NUMBER:  
TRADE NAME: Polished Granite and Marble Sealant  
GENERAL USE: Sealant  
CHEMICAL FAMILY:  
PRODUCT DESCRIPTION: Colorless liquid. Alcohol-like odor.  
PRODUCER/ SUPPLIER: 386 Nanotech Inc.  
ADDRESS (NUMBER, STREET, P.O. BOX): 6860 Gulfport Blvd.  
(CITY, STATE AND ZIP CODE): St Petersburg, FL 33707  
COUNTRY: USA  
DATE: May 3, 2010  
DATE PREPARED: May 3, 2010  
SUPERSEDES: January 7, 2007  
TELEPHONE NUMBER: 888-386-6832  
CHEMTEL 24-HOUR EMERGENCY TELEPHONE NUMBERS  
St Petersburg, FL 33707: 888-386-6832  
USA:  
CHEMTEL 24-HOUR EMERGENCY TELEPHONE NUMBERS  
St Petersburg, FL 33707: 888-386-6832  
USA:  
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CHEMTEL 24-HOUR EMERGENCY TELEPHONE NUMBERS  
St Petersburg, FL 33707: 888-386-6832  
USA:  
CLASSIFICATION:  
PREPARED BASED ON FLUOROSILANES.  
NOTES:  
This Material Safety Data Sheet is prepared to comply with the United States Occupational Safety and Health Administration (OSHA) Hazard Communication Standard (29 CFR 1910.1200), the Canadian Workplace Hazardous Materials Information System (WHMIS), and European Union Directive 91/155/EEC. Hazard symbols and risk phrases are based on maximum listed concentration of each hazardous ingredient. Unlisted ingredients are not “hazardous” per the OSHA Hazard Communication Standard (29 CFR 1910.1200), the Canadian Workplace Hazardous Materials Information System (WHMIS) or the European (GHS) directive 91/155/EEC and are considered trade secrets under US Federal Law (29CFR and 40CFR), Canadian Law (Health Canada Legislation), and European Union Directive 67/548/EEC.  
SECTION 2- HAZARDOUS INGREDIENTS  
Hazardous Components  
% (by Weight)  
CAS #  
EINECS #  
Hazard Symbol  
RISK PHRASES  
FULL TEXT SECTION 15  
Propan-2-ol  
> 20 %  
67-63-0  
200-661-7  
F, Xi  
R 11- 36-67  
Preparation based on fluorosilanes.
MATERIAL SAFETY DATA SHEET

PRODUCT NAME: Polished Granite and Marble Sealant
PRODUCT NUMBER: 

DATE: May 3, 2010

SECTION 5 - FIRE FIGHTING MEASURES

GENERAL HAZARDS:

EXTINGUISHING MEDIA:
Water spray, alcohol-resistant foam, CO2, dry powder.

FIRE FIGHTING PROCEDURES:
In case of fire: Wear self-contained breathing apparatus. Dispose of waste according to applicable local, state, and federal regulations. Contaminated fire-fighting water must not get into the sewerage network.

UNUSUAL FIRE AND EXPLOSION HAZARDS:
Avoid water jet as extinguishing media. Cool containers exposed to fire with water spray. Danger of disruption of closed containers exposed to excessive heat.

HAZARDOUS COMBUSTION PRODUCTS:
None listed.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Person-related safety precautions: Provide good ventilation. Remove all sources of ignition. Wear personal protective equipment. Avoid contact with skin and eyes. Environmental precautions: Keep away from drains, surface- and ground-water and soil. Methods for cleaning: Soak up with liquid-absorbing material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Fill into labelled tightly closed containers. Contaminated material, dispose of according to valid legal waste regulations.

SECTION 7 - HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:


Storage class: LGK 3A - Flammable liquids.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

HAZARDOUS COMPONENTS

<table>
<thead>
<tr>
<th></th>
<th>NIOSH</th>
<th>ACGIH</th>
<th>OSHA</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAK</td>
<td></td>
<td></td>
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<tr>
<td>TRGS 900</td>
<td>500 mg/m³</td>
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</table>

PERSONAL PROTECTION

RESPIRATORY PROTECTION:
Use personal respiratory protection with suitable filter (filter type ABEK) or self-contained breathing apparatus if dust/vapors/aerosols occur or limits (e.g. MAK values) are not observed.

PROTECTIVE GLOVES:
Protective gloves/solvent resistant e.g.: butyl rubber or fluorine rubber (Viton)

EYE PROTECTION:
Wear sealing protective goggles.

WORK / HYGIENIC PRACTICES:
Keep away from food, drink and animal food. When using do not eat, drink, smoke, blow nose. Wash hands after handling and before breaks. Do not breathe gases/aerosols. Use preventive skin barrier cream regularly. Take off all contaminated clothing. Avoid contact with eyes and skin.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR
Colorless liquid. Alcohol-like odor

VAPOR PRESSURE
42 hPa

SPECIFIC GRAVITY (WATER = 1)
NR

SOLUBILITY IN WATER
miscible

VISCOSITY
2 mPa.s

VAPOR DENSITY (AIR = 1)
0.8 g/ cm³

EVAPORATION RATE (WATER = 1)
NR

PH
< 2

BOILING POINT
82°C/179.6°F DIN 51 356

FLASH POINT
21°C/69.8°F DIN 51 755

FLAMMABLE LIMITS
LEL: 2 % (V) UEL: 12 % (V)

AUTOIGNITION TEMPERATURE
425 °C/797°F DIN 51 794
SECTION 10 - STABILITY AND REACTIVITY

STABILITY: STABLE
CONDITIONS TO AVOID:
No decomposition when stored and handled according to given provisions

INCOMPATIBILITY (MATERIALS TO AVOID):
Violent reaction with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:
None

HAZARDOUS POLYMERIZATION:
Will not occur

SECTION 11 - TOXICOLOGICAL INFORMATION

Hazardous Components

<table>
<thead>
<tr>
<th>Hazardous Component</th>
<th>CAS #</th>
<th>EINECS #</th>
<th>LD50 ofIngredient (Specify Species and Route)</th>
<th>LC50 of Ingredient (Specify Species)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Propan-2-ol</td>
<td>67-63-0</td>
<td>200-661-7</td>
<td>Oral 1200 mg/kg (rat)</td>
<td>NR</td>
</tr>
</tbody>
</table>

Acute inhalation toxicity:
Vapors may cause drowsiness and dizziness. Reference substance: propan-2-ol
Skin contact:
Long or repeated contact may cause irritation effects. Reference substance: propan-2-ol
Eye contact:
Irritation effect possible.
Sensitisation:
No other sensitisation effects known.

SECTION 12 - ECOLOGICAL INFORMATION

Information related to elimination (Persistence and degradability):
Biodegradable. Behaviour in environmental compartments: No information.
Other information:Eco-toxicological test are not available.

SECTION 13 - DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD:
Product: Check with local regulations prior to disposal of product.
Under observance of local official regulations e.g. deliver to suitable incineration plant. For this product the waste code according the European waste catalogue cannot be determined, as the assignment is performed depending on specific purpose of use by the end user.
Waste code according to the European Waste Catalogue (EU decision on Waste Catalogue 2000/532/EC) has to be assigned after an agreement with local waste disposing company/producer/authority .
Recommended EWC/AVV – Code: 08 01 02

SECTION 14 - TRANSPORT INFORMATION

PROPER SHIPPING NAME: ISO PROPANOL(ISOPROPYL ALCOHOL, mixture)

DOT HAZARD CLASS / Pack Group: 3/ UN1219/ II
UN / NA IDENTIFICATION NUMBER: UN1219
LABEL: Flammable 3
HAZARD SYMBOLS: F, Xi
NOTES: IATA_C ERG- Code 3L
IATA_P ERG- Code 3L
ADR - Respect the Listed goods regulation § 7, clause 1 GGVSE.

IATA HAZARD CLASS / Pack Group: 3/ II
IMDG HAZARD CLASS: 3
RID/ADR Dangerous Goods Code: 33
UN TDG Class / Pack Group: 3/ II
Hazard Identification Number (HIN): NA

Note: Transportation information provided is for reference only. Client is urged to consult CFR 49 parts 100 - 177, IMDG, IATA, EU, United Nations TDG, and WHMIS (Canada) TDG information manuals for detailed regulations and exceptions covering specific container sizes, packaging materials and methods of shipping.
SECTION 15 - REGULATORY INFORMATION

TSCA (USA - Toxic Substance Control Act): all ingredients listed
SARA TITLE III (USA - Superfund Amendments and Reauthorization Act): None listed
- Acute Health: NO
- Chronic Health: NO
- Fire: NO
- Sudden Release of Pressure: NO
- Reactive: NO

SARA 313 REPORTABLE INGREDIENTS: None

CERCLA (USA - Comprehensive Response Compensation and Liability Act): None
California Prop 65, Safe Drinking Water and Toxic Enforcement Act of 1986: None

CPR (Canadian Controlled Products Regulations): None

IDL (Canadian Ingredient Disclosure List): None

DSL / NDSL (Canadian Domestic Substances List / Non-Domestic Substances List): None

EINECS (European Inventory of Existing Commercial Chemical Substances): None

15.2 National regulations (Germany)
Water pollution class: 1 - light water pollutant, Registration number: 135

Occupational safety instructions:
- Instruction M 017 of the BG Chemistry "Solvents"
- Instruction M 004 of the BG Chemistry "Irritant material/corrosive material"

BG – profession association

WGK Water Quality Index: 1 (light water pollutant, Registration number: 135)

RISK PHRASES: R 11 Highly flammable.
R 36 Irritating to eyes.
R 67 Vapors may cause drowsiness and dizziness

SAFETY PHRASES:
- S 7 Keep container tightly closed.
- S 16 Keep away from sources of ignition - No smoking.
- S 24/25 Avoid contact with skin and eyes.
- S 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

SECTION 16 - OTHER INFORMATION

Legend:
- ACGIH - American Congress of Government Industrial Hygienists
- CAS - Chemical Abstracts Service
- EINECS- European Inventory of Existing Commercial Chemical Substances
- HMIS - Hazardous Materials Identification System
- IARC - International Agency for Research on Cancer
- NA - Not Available
- ND - Not Determined
- NE - Not Established
- NR - Not Reported
- NIOSH - National Institute for Occupational Safety and Health
- NTP - National Toxicology Program
- OSHA - Occupational Safety and Health Administration

HMIS HAZARD RATINGS

<table>
<thead>
<tr>
<th>HEALTH:</th>
<th>FLAMMABILITY:</th>
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<tr>
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<tr>
<th>PHYSICAL HAZARD:</th>
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<tbody>
<tr>
<td>0 = INSIGNIFICANT</td>
</tr>
<tr>
<td>1 = SLIGHT</td>
</tr>
<tr>
<td>2 = MODERATE</td>
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<tr>
<td>3 = HIGH</td>
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<td>4 = EXTREME</td>
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<th>PERSONAL PROTECTIVE EQUIPMENT:</th>
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<tr>
<td>Safety Goggles</td>
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<tr>
<td>Solvent resistant gloves</td>
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REVISION SUMMARY: Data as supplied by 386 Nanotech put into ChemTel template. Information was not verified or changed. 3/30/2009.