



Material Safety Data Sheet

Z.400.1 - 2004 Format

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| Supplier: | Dryvit Systems, Inc. One Energy Way PO Box 1014 West Warwick, RI 02893 | EMERGENCIES: Health/spills.....: Chemtrec Assistance.....: Chemtrec Outside USA.....: Canutec.....: | 800-548-0489 800-424-9300 703-527-3887 613-996-6666 |
| | | Dryvit Systems, Inc. Product Information.....: Toll Free.....: | 401-822-4100 1-800-556-7752 |

1. Product Information

| | |
|---------------------|-----------|
| Product name | TERRANEO® |
| Product code | 1101 |

Issuing date: 07/28/2009 **Contact person:** ehs@dryvit.com

2. Hazards identification

Emergency Overview

Appearance: OPAQUE VISCOUS **Odor:** FAINT
Hazards: WARNING!

Potential health effects

Eye contact:

Product may cause eye irritation.

Ingestion:

If ingested, product may cause irritation of mouth, throat, stomach, and digestive and central nervous systems; signs and symptoms may include headache, drowsiness, dizziness, swelling, abdominal discomfort, and/or burning sensation.

Skin contact:

Product may cause skin irritation; signs and symptoms may include drying, cracking, sensitization, reddening, discoloration, blistering and/or swelling.

Inhalation:

If inhaled, product may cause irritation of respiratory tract (nose, mouth and mucous membranes) and central nervous system; signs and symptoms may include weakness, headache, drowsiness, dizziness, blurred vision, lung inflammation, breathing difficulties, abdominal discomfort, chest pain, and/or burning sensation.

3. Composition/information on ingredients

| Chemical Name | CAS-No. | Weight % | IARC (Carc.) | NTP |
|----------------------------|------------|----------|--------------|-----|
| Quartz (SiO ₂) | 14808-60-7 | 70 - 100 | YES | * |

4. FIRST AID MEASURES

Eye contact:

If exposure occurs, flush the affected eye for at least 20 minutes. Tilt the head to prevent chemical from transferring to the uncontaminated eye. Seek medical attention immediately after flushing.

Ingestion:

Do not induce vomiting. Dilute with water or milk. Never give fluids if the victim is unconscious or having convulsions. Seek medical attention immediately.

Skin contact:

If exposure occurs, flush the affected area thoroughly with water for at least 20 minutes. Seek medical attention immediately.

Inhalation:

No known specific skin, inhalation or ingestion hazard.

5. FIRE-FIGHTING MEASURES

Flash point no data available

Extinguishing media which shall not be used for safety reasons:

Use extinguishing material suitable for surrounding fire. Closed plastic containers may build up pressure, rupture, or melt due to extreme heat exposure.

Hazardous combustion products:

Non-combustible

Protective equipment and precautions for firefighters:

Wear positive pressure, self-contained breathing apparatus (SCBA) in enclosed areas.

6. ACCIDENTAL RELEASE MEASURES

Shovel and recover; then dispose of as common waste. Do not flush to sewer or streams: material can clog drains and make streams turbid.

7. HANDLING AND STORAGE**Handling:**

Avoid inhalation and contact with eyes and skin. Wash hands thoroughly after handling and before eating or drinking.

Storage:

Keep from freezing.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION**Engineering measures:**

Use adequate ventilation to maintain airborne concentrations at levels below permissible or recommended occupational exposure limits.

Eye/face protection:

Wear chemical-resistant glasses and/or goggles and a face shield when eye and face contact is possible due to splashing or spraying of material.

Skin protection:

Wear chemical resistant footwear and clothing such as gloves, an apron or a whole body suit as appropriate.

Respiratory protection:

A NIOSH-approved air-purifying respirator with the appropriate cartridge may be appropriate under certain circumstances where airborne concentrations are expected to exceed permissible exposure limits. Protection provided by air-purifying respirators is limited. Use a positive-pressure, air supplied respirator if there is potential for an uncontrolled release, exposure levels are not

known or any other circumstances where air-purifying respirators may not provide adequate protection.

General hygiene considerations:

Wash hands before smoking, eating, or using toilet facilities.

9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|---|-------------------|
| Physical state: | LIQUID |
| Appearance: | OPAQUE VISCOUS |
| Odor: | FAINT |
| pH: | > 8 |
| Boiling Point (deg C): | > 100 |
| Flash point: | no data available |
| Flammability: | no data available |
| Solubility: | Soluble in water |
| Specific Gravity (g/cc): | 0.96 - 1.80 |
| Density (lb/gal) : | 8.0 - 15.0 |
| VOC (Regulatory, g/l)-except CN: | 23.69 |

10. STABILITY AND REACTIVITY**Stability:**

Stable under normal conditions.

Hazardous decomposition products:

Will not occur. Not compatible with strong oxidizing agents or strong acids.

11. TOXICOLOGICAL INFORMATION

Toxicological evaluation of this product as a whole has not been performed. Individual components that are potential or known carcinogens are listed.

12. ECOLOGICAL INFORMATION

Ecological evaluation of this material has not been performed; however, do not allow the product to be released to the environment without governmental approval/permits.

13. DISPOSAL CONSIDERATIONS

Waste from this material may be a listed and/or characteristic hazardous waste. Dispose of material, contaminated absorbent, container and unused contents in accordance with local, state, and federal regulations.

14. TRANSPORT INFORMATION**DOT Basic description:**

Not Regulated for Transportation

See 49 CFR 172.101 for Special Provisions, Packaging, and Quantity Limitations

15. REGULATORY INFORMATION

OSHA Hazard, US Inventory (TSCA), and SARA, SARA 312/313 Listed below. (If applicable)

| Chemical Name | CAS-No. | CERCLA RQ | EPCRA EHS | EPCRA TPQ | SARA 313 | TSCA | DSL | EINECS | Prop 65 | Whmis |
|----------------------------|------------|--------------|--------------|--------------|----------|------|-----|---------|---------|-------|
| Quartz (SiO ₂) | 14808-60-7 | | | | | * | * | 2388784 | * | * |

WHMIS Regulatory Status

This product has been classified according to the hazard criteria of the CPR and the MSDS contains all the information required by the CPR.

16. OTHER INFORMATION

HMIS Health: 1

HMIS Flammability: 0

HMIS Physical Hazard: 0

HMIS Personal: B

The information contained herein is based upon data considered accurate. Dryvit Systems, Inc. assumes no responsibility for personal injury or property damage to vendees, users or third parties caused by the material.

Key:

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|------------|---|
| ACGIH | American Conference of Governmental Industrial Hygienists |
| CAS | Chemical Abstract Service Registry Number |
| CERCLA | Comprehensive Environmental Response, Compensation, and Liability Act |
| CERCLA RQ | CERCLA Reportable Quantity |
| CFR | Code of Federal Regulations |
| CPR | Cardiopulmonary resuscitation |
| DSL | Domestic Substances List of Canada |
| EINECS | European Inventory of Existing Chemical Substances |
| EPCRA | Emergency Planning and Community Right-to-know Act |
| EPCRA EHS | EPCRA Extremely Hazardous Substance |
| EPCRA TPQ | EPCRA Threshold Planning Quantity |
| oF | Fahrenheit degrees |
| g/l | Grams per liter |
| gal | Gallons |
| HMIS | Hazardous Materials Identification System - Chemical Rating |
| IARC | International Agency for Research on Cancer |
| lbs or LBS | Pounds |
| MGM3 | Milligrams per cubic meter |
| MIR | Maximum Incremental Reactivity |
| MSDS | Material Safety Data Sheet |
| NFPA | National Fire Protection Association |

| | |
|----------------|--|
| NIOSH | National Institute for Occupational Safety and Health |
| NTP | National Toxicology Program |
| OSHA | Occupational Safety and Health Administration |
| PEL | Permissible Exposure Limit |
| PPM | Parts per million |
| Proposition 65 | California's Safe Drinking Water and Toxic Enforcement Act |
| SARA | Superfund Amendments and Reauthorization Act |
| TLV | Threshold Limit Value |
| TSCA | Toxic Substances Control Act |
| USEPA | United States Environmental Protection Agency |
| VOC | Volatile Organic Compound |
| VOL | Volume |
| WT | Weight |
| WHMIS | Canadian Workplace Hazardous Materials Information System |
| UN | United Nations |

ANSI DRYVIT WB 1.52
