

MATERIAL SAFETY DATA SHEET

433P Porcelain Floor Impregnator



Section 1: IDENTIFICATION OF SUBSTANCE

Trade Name: 433P Porcelain Floor Impregnator

Application of the substance / the preparation:
Impregnator

Distributor: GranQuartz, L. P.
P.O. Box 2206
Tucker, GA 30085-2206/USA

Information Department:
see above

Emergency Information:
information department

24-Hour Emergency Telephone Number:
1-800-255-3924 (USA & Canada) or 813-248-0585

Reviewed: 01/25/07

For additional product information call GranQuartz at (800) 520-7223 or (770) 621-9777 during regular business hours.

Section 2: COMPOSITION / DATA ON COMPONENTS

Chemical Characterization

Description : Water based impregnator.

Dangerous Components:
107-21-1 ethane-1,2-diol (2.5-10%)
RTECS: KW 2975000
67-63-0 propan-2-ol (2.5-10%)
RTECS: NT 8050000

TSCA: All ingredients are listed.

Section 3: HAZARDS IDENTIFICATION

Hazard Description: not applicable

Information pertaining to particular dangers for man and environment:
not applicable

NFPA ratings (scale 0-4):
Health: 0
Fire: 0
Reactivity: 0

Section 4: FIRST AID MEASURES

General information:
Immediately remove any clothing soiled by the product.

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After inhalation:

Supply fresh air.

After skin contact:

Wash with water and soap

After eye contact:

Rinse opened eye for several minutes under running water. If symptoms persist consult a doctor.

After swallowing:

Do not induce vomiting.
Drink plenty of water, but never give anything to an unconscious person.
Seek medical treatment.

Information for doctor

Treatment: Symptomatic treatment

Section 5: FIRE FIGHTING MEASURES

Suitable extinguishing agents:

The product is not combustible and does not support combustion.
Use fire fighting measures that suit the environment.

Special hazards caused by the material, its products of combustion or resulting gases:

Formation of toxic gases possible during heating or in case of fire.

Protective equipment:

Wear self-contained respiratory protective device.

Additional information

Dispose of fire debris and contaminated fire fighting water in accordance with official regulations. Collect contaminated fire fighting water separately. It must not enter the sewage system.

Section 6: ACCIDENTAL RELEASE MEASURES

Person-related safety precautions:

Ensure adequate ventilation
Wear protective clothing.

Measures for environmental protection:

Do not allow product to reach sewage system or any water course.
Do not allow to penetrate the ground/soil.

Measures for cleaning/collecting:

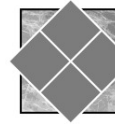
Absorb with non-combustible material (sand, diatomite, universal binders, sawdust).
Send for recovery or disposal in suitable receptacles.
Dispose contaminated material as waste according to item 13.

Section 7: HANDLING AND STORAGE

Handling

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GranQuartz
Stone Care Systems

Information for safe handling:

No special precautions are necessary if used correctly.

Information about protection against explosions and fires:

No special measures required.

Storage

Requirements to be met by storerooms and receptacles:

Store receptacles tightly closed at a cool and dry place with sufficient ventilation.

Information about storage in one common storage facility:

Not required.

Further information about storage conditions:

Protect from frost.

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Additional information about design of technical systems:

No further data; see item 7.

Components with limit values that require monitoring at the workplace:

67-63-0 propan-2-ol

PEL: 980 mg/m³, 400 ppm

REL: Short-term value: 1225 mg/m³, 500 ppm

Long-term value: 980 mg/m³, 400 ppm

TLV: Short-term value: 984 mg/m³, 400 ppm

Long-term value: 492 mg/m³, 200 ppm

107-21-1 ethane-1,2-diol

TLV: Short-term value: C 100 mg/m³

(H)

Additional information:

The lists that were valid during the creation were used as basis.

Personal protective equipment

General protective and hygienic measures:

Avoid contact with the eyes and skin.

Do not eat or drink while working.

The usual protective measures based on the application have to be followed.

All protective equipment used shall be in accordance with 29 CFR.1910 Subpart I Personal Protective Equipment.

Breathing equipment:

Not required.

Protection of hands:

Chemical resistant gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

After use of gloves apply skin-cleaning agents and skin cosmetics.

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Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye protection: safety glasses

Body protection: Protective work clothing.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

General Information

Form: Fluid
Color: Yellowish
Odor: Product specific

Value/Range Unit Method

Change in condition

Melting point/Melting range: undetermined
Boiling point/Boiling range: > 80 °C

Flash point: >21 °C
Does not support combustion.

Auto igniting: Product is not selfigniting.

Danger of explosion:
Product does not present an explosion hazard.

Density: at 20 °C ~ 1.0 g/cm³

Solubility in / Miscibility with Water: Miscible

pH-value: at 20 °C ~ 3-6 in delivery state

Section 10: STABILITY AND REACTIVITY

Thermal decomposition / conditions to be avoided:
No decomposition if used and stored according to specifications.

Dangerous reactions
No dangerous reactions known.

Dangerous products of decomposition:
No dangerous decomposition products known.

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Section 11: TOXICOLOGICAL INFORMATION

Acute toxicity:

LD/LC50 values that are relevant for classification:

No toxicity data are available for the product itself.

Primary irritant effect:

on the skin: No irritant effect.

on the eye: Light irritation possible.

Sensitization: No sensitizing effects known.

Additional toxicological information:

The product shows the following dangers according to internationally approved calculation methods for preparations:
When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

Section 12: ECOLOGICAL INFORMATION

Ecotoxicological effects

Acquatic toxicity:

Presently there are no ecotoxicological values available.

General notes:

Water hazard class 1 (Self-assessment): slightly hazardous for water.
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
Danger to drinking water is possible if large quantities leak into the ground or into water course.

Section 13: DISPOSAL CONSIDERATIONS

Product:

Recommendation

Disposal according to instructions of local authorities.

Uncleaned packagings:

Recommendation:

Disposal must be made according to official regulations.
Non contaminated packagings can be recycled.

Section 14: TRANSPORT INFORMATION

DOT regulations:

Hazard class:

-

No hazardous material according to regulations.

Land transport ADR/RID (cross-border)

ADR/RID class:

-

No hazardous material according to regulations.

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Maritime transport IMDG:

IMDG Class: -
No hazardous material according to regulations.
Marine pollutant: No

Air transport ICAO-TI and IATA-DGR:

ICAO/IATA Class: -
No hazardous material according to regulations.

Section 15: REGULATORY INFORMATION

Carcinogenicity categories

EPA (Environmental Protection Agency)
void

IARC (International Agency for Research on Cancer)
67-630 propan-2-ol: 3

NTP (National Toxicology Program)
void

TLV (Threshold Limit Value established by ACGIH)
107-21-1 ethane-1,2-diol: A4

NIOSH-Ca (National Institute for Occupational Safety and Health)
void

OSHA-Ca (Occupational Safety & Health Administration)
void

National regulations

Regulation or reporting requirements USA

Sara section 355
not listed

Sara section 313
67-630 propan-2-ol
107-21-1 ethane-1,2-diol

Prop. 65 - Cancer
not listed

Prop. 65 - Repr. tox.
not listed

Section 16: OTHER INFORMATION

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Department issuing MSDS:

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