

SAFETY DATA SHEET

Section 1: Identification

Product Name: Glass (Sheet, Frit, Rod, Stringer, Noodle) – Chromium, Manganese & Nickel products

Chemical Name/Synonyms: Glass

Company: Oceanside Glass & Tile

5858 Edison Place
Carlsbad, CA 92008
(760)-603-3930

In emergency call 911.

For information about this SDS, use this department contact phone#: Safety, Hygiene, & Environmental Department – (760)-603-3990

Section 2: Hazard(s) Identification

Hazard Classification: NA

Signal Word(s): NA

Hazard Statements: NA

Precautionary Statements: The chemicals used to produce this product are in a glass matrix and are, therefore, not available to the environment unless the glass is heated to its melting point or ground to an extremely fine particle size. Many of Oceanside's products are made with metal oxides. While the metals are bound up in a glass matrix, grinding to an extremely fine mesh size can liberate some of the metals in the glass. Normal grinding will generally not produce "glass flour or powder" fine enough to liberate any metals. Use a water bath or water grinding wheel when grinding glass. In any event, a NIOSH (National Institute of Occupational Safety & Health) approved dust mask, at a minimum, should be worn during grinding. The use of a respirator outfitted with a HEPA (High Efficiency Particulate Absolute) filter is recommended as HEPA filters provide the greatest measure of personal protection. Good exhaust ventilation is also recommended. Use a water bath or water grinding wheel when grinding glass. Keep your work area as clean as possible and free of glass debris.

Section 3: Composition/ Information on Ingredients

Chemical Name	Synonym	CAS#	Conc.
Chromium	Chromium Compounds	1333-82-0	<1.0%
Nickel	Nickel Compounds	1313-99-1	<0.75%
Manganese	Manganese Compounds	1313-13-9	<1.0%

Section 4: First-Aid Measures

After skin contact: Wash hands with soap and water

After eye contact: Rinse with water

After inhalation: Consult a physician

After swallowing: Consult a physician

Section 5: Fire-Fighting Measures

Suitable extinguishing agents: NA

Special protective equipment for firefighters: NA

Section 6: Accidental Release Measures

Personal precautions: NA

Measures for environmental protection: NA

Measures for cleaning/collecting: NA

Section 7: Handling and Storage

Handling: Use care when handling. Wear NIOSH approved gloves and safety glasses

Storage: NA

Section 8: Exposure Controls/Personal Protection

Chemical Name	OSHA PEL	OSHA PEL (ceiling)	ACGIH OEL (TWA)	ACGIH OEL (STEL)
Chromium (VI)	5.0 ug/m ³			
Nickel	0.05 mg/m ³			
Manganese	0.2 mg/m ³			

General protective and hygienic measures: Wear gloves and safety glasses when handling glass

Breathing equipment: Wear a NIOSH approved respirator

Protection of hands: Wear gloves and wash hands after handling

Eye protection: Wear safety glasses

Section 9: Physical and Chemical Properties

Form: Solid
Odor: None
Odor threshold: NA
pH: NA
Melting point/melting range: 2000 degrees F
Boiling point/boiling range: NA
Flash point: NA
Evaporation rate: NA
Flammability: NA
Upper/lower flammability or explosive limits: NA
Auto ignition temperature: NA
Danger of explosion: NA
Vapor pressure: NA
Vapor density: NA
Relative density: NA
Solubility in/Miscibility with water: NA

Section 10: Stability and Reactivity

Reactivity: NA
Chemical stability: Stable
Conditions to avoid: Avoid inhalation of fine dust from grinding processes
Incompatible materials: NA
Hazardous decomposition products: NA

Section 11: Toxicological Information

Acute toxicity: NA
Potential routes of exposure/potential health effects
Skin: NA
Eye: Redness or Itchiness
Inhalation: Redness and/or Soreness
Ingestion: Redness and/or Soreness
Carcinogenic effects: NA
Mutagenic effects: NA
Reproductive toxicity: NA
Sensitization: NA
Target organs: NA

Section 12: Ecological Information (non-mandatory)

Ecotoxicity: NA
Mobility: NA
Biodegradation: NA
Bioaccumulation: NA

Section 13: Disposal Considerations (non-mandatory)

NA

Section 14: Transport Information (non-mandatory)

DOT regulations: NA

- **Hazard class:** NA
- **Land transport ADR/RID (cross-border):** NA
- **ADR/RID class:** NA
- **Maritime transport IMDG:** NA

Air transport ICAO-TI and IATA-DGR: NA

- **ICAO/IATA Class:** NA

Section 15: Regulatory Information (non-mandatory)

US Federal Regulations
SARA Section 355 (extremely hazardous substances):
SARA Section 313 (specific toxic chemical listings):
Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs):
TSCA (Toxic Substances Control Act):

Section 16: Other Information

SDS date of preparation/update: 7/26/2019

Product SKU's covered in this SDS: