

# MATERIAL SAFETY DATA SHEET

Niagara Recycling  
4935 Kent Avenue  
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Telephone: 905 356-4141  
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## SECTION 1: PRODUCT IDENTIFICATION

PRODUCT NAME: NIAGARA ECOGLASS™ NR Extra Course, Course, Medium, Fine, Superfine.  
CHEMICAL NAME: Amorphous Silica (glass).  
PRODUCT USE: Sandblasting and filtration (water).

## SECTION 2: HAZARDOUS INGREDIENTS

Crushed glass is not classified as a hazardous material by the Canadian Hazardous Products Act.

WHMIS classification: Unclassified.

## SECTION 3: PHYSICAL DATA

Physical State: Solid	Odour Threshold: N/A	Odour: Odourless
Vapour pressure (mmHg): N/A	Specific Gravity: 2.6	% Volatile by Volume: N/A
Boiling Point: N/A	Evaporation rate: N/A	Solubility in Water ( 20°C): Insoluble
Melting (Softening) Point: >800°C	pH: N/A	Colour: Green/White/Brown/Blue
Hardness (Mohs Scale): > 6.0	Bulk Density: 36.3 kg/90 cm	Grain Shape: sub-angular

## SECTION 4: FIRE & EXPLOSION DATA

Flammability: None  
Explosion: None  
Special Fire Fighting Procedures: No special procedures required.  
Extinguisher Media: No special media required.

## SECTION 5: REACTIVITY DATA

Chemical Stability: Yes  
Materials to be avoided: Hydrofluoric Acid  
Hazardous Polymerization: Will not occur  
Hazardous Decomposition Products: None

## SECTION 6: PRODUCT TOXICOLOGICAL PROPERTY

Inhalation: Harmful dust: may irritate the respiratory tract.  
Skin Contact: Acute exposure: May cause skin irritation.  
Eye Contact: Acute exposure: May cause eye irritation  
Ingestion: Acute exposure: may cause digestive problems

Carcinogenicity: N/A      Teratogenicity: N/A

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Product name: NIAGARA ECOGLASS™

## SECTION 7: PRECAUTIONS FOR SAFE HANDLING & USE

### Protective Equipment

Gloves: Wear rubber gloves

Clothing: Wear appropriate protective clothing to minimize contact with skin and wear an abrasive hood.

Eye Protection: Wear Splash-Proof Safety Goggles or adequate Safety Goggles.

Material Spill: Sweep up and discard; avoid excessive dusting.

Permissible Exposure Limits:

10 mg/m<sup>3</sup> total dust  
5mg/m<sup>3</sup> breathable dust  
( S-2 1.r.15, Québec)

Storage: Store in a dry, cool area and away from incompatible substances.

Method for spills and leakage: Sweep and put in a container.

Waste disposal: Observe all federal and provincial regulations respecting storage or elimination of this substance.

## SECTION 8: FIRST AID MEASURES

Inhalation: Dust in excess of exposure limits may result in irritation to the respiratory tract. Chronic lung conditions may be aggravated by exposure to high concentrations of dust. If exposed, bring immediately to fresh air, away from exposure location. Precautions should be taken when working with this product to alleviate pre-existing medical conditions.

Contact with skin: Rinse with a large quantity of water and soap. If irritation develops, seek medical attention.

Contact with eyes: Rinse immediately with water, in case of irritation seek medical attention.

Ingestion: Rinse mouth out with water. Induce vomiting if significant quantities ingested. Seek medical attention.

## SECTION 9: STABILITY & REACTIVITY

Material is stable. No known conditions causing instability.

## SECTION 10: HANDLING & STORAGE

No special handling required. Avoid creating airborne dust. Not an electrical conductor.

## SECTION 11: ECOLOGICAL INFORMATION

Considered to be an inert solid waste and no special precautions should be taken in case it is released or spilled.

## SECTION 12: PREPARATION, DATE OF MSDS SHEET

Prepared by: Niagara Recycling

Date: January 2017

Telephone number: 905 356-4141

References: Test results from McMaster University dated April 28, 2004 for analysis of silica.  
Clean Washington Center ( [www.cwc.org](http://www.cwc.org) ) Analysis of Glass Dusts

### Disclaimer:

Niagara Recycling does not assume any responsibility or liability for any losses, damages, or expenses associated with the use of this product. The responsibility for use of the product is with the user to determine if additional safety measures are required other than those described herein. The user assumes all risk and liability for any use of this product.

