

**MATERIAL SAFETY DATA SHEET
NEW AGE BLAST MEDIA®**

Section I – Company Identification

Manufacturer's name			Novetas Solutions LLC		
Address					
4900 S Broad St Bldg 6 Suite 310					
City		State		Country	
Philadelphia		PA		United States	
Postal Code		Telephone number		Date	
19112		866-775-6226		April 29, 2010	

Section II – Product Identification and Use

Product Identifier	Amorphous Silica, Soda-Lime Glass, Glass Oxide or Silicon Dioxide
Product Use	Expendable Abrasive for dry or wet grit blasting
Product Name:	“New Age Blast Media®”

Section III – Hazardous Ingredients

Elements	Weight %	CAS Number	
Soda-lime glass	100	65997-17-3	Glass sand is not classified as a hazardous material by the criteria of the OSHA Hazard Communication Standard, Title 29, Code of Federal Regulations, Section 1910.1200, <i>Hazard Communication.</i>

Section IV – Physical Data

Physical state	Solid	Boiling point	N/A
Specific Gravity (H₂O:1)	2.46 – 2.53 g/cc	Vapor Pressure (mmHg)	N/A
Appearance	White and colored transparent, fine granules	Vapor Density (Air:1)	N/A
Odor	Odorless	Percentage Volatiles	N/A
Odor Threshold (ppm)	N/A	Evaporation rate	N/A
Softening point (°C)	726°C (1340°F)	Solubility in water	Insoluble
Freezing Point (°C)	N/A	pH of Solution	N/A

Section V – Fire and Explosion Data

Flammability Product is nonflammable, non-explosive and stable under normal conditions of use, storage and transportation	If Yes under Which Conditions N/A
Means of Extinction	N/A nonflammable

Section VI – Accidental Release Measures

Safeguards (Personnel): NOTE: Review FIRE FIGHTING MEASURES and HANDLING (PERSONNEL) sections before proceeding with clean-up. Use appropriate PERSONAL PROTECTIVE EQUIPMENT during clean-up. The material is inert, stable and hazardous polymerization will not occur.

Accidental Release Measures: Sweep up spillage.

Section VII – Reactivity Data

Chemical Stability:	Stable
Incompatibility with Other Substances:	None reasonable foreseeable
Decomposition:	Will not occur
Polymerization:	Will not occur

Section VIII – Health Hazard Data

Nuisance Dust (total) : 15mg/m ³ TLV (units) depends on particle size			
Nuisance Dust (respirable) : 5mg/m ³ TLV (units) depends on particle size			
Routes of Entry :	Lungs (breathing): Yes	Ingestion: No	Skin: No
Health Hazard (Acute & Chronic): Dust in excess of recommended exposure limits may result in irritation to the respiratory tract.			
Signs & Symptoms of Exposure: Eye and respiratory irritation may result if recommended exposure limits are exceeded.			
Medical Conditions Generally Aggravated by Exposure: Chronic lung conditions may be aggravated by exposure to high concentrations of dust.			
Threshold Exposure Limit to Fumes	Exposure to and contact from dust may irritate the respiratory system, eyes, or skin. Soda lime glass is not listed on the NTP, IARC, or OSHA list of carcinogens		
Carcinogenicity			

Take special precaution to note the potential hazards of the substrate, coatings or contamination that are removed by the use of our product. All Material Certifications and chemical analyses should be obtained before commencement of work.

Section IX – First Aid Measures

Eye Contact	In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Call a physician.
Skin Contact	The product is not hazardous by skin contact, but removal of particles and cleansing the skin after use is advisable.
Inhalation	If inhaled, immediately remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.
Ingestion	No specific intervention is indicated as the product is not hazardous by ingestion. However, if symptoms occur, consult a physician.

Section X – Exposure Controls & Personnel Protection

Engineering Controls	Use sufficient ventilation to keep employee exposure below recommended limits. If using this product as an abrasive blasting agent in confined areas, airborne dust levels should be controlled by physical enclosure of the abrasive blasting operation. The enclosure should be exhaust ventilated in accordance with 29 CFR 1910.94 Ventilation (a) Abrasive Blasting.
Eye	Safety glasses with side shields should be worn as minimum protection from impact. Dust goggles should be worn when excessively dusty conditions are present or anticipated.
Respirator	A NIOSH approved air-purifying respirator with a type 100 (high efficiency) particulate cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. For abrasive blasting use a type CE abrasive-blast, supplied-air respirator covering head, neck and shoulders to provide protection from rebound abrasives per 29 CFR 1910.94 (a)(5)
Substrate, coatings or contamination	Take all the necessary precautions stated herein as well as those directed by the coatings and substrate suppliers. Any contamination that cannot be traced must be sampled for its content prior to work.

Section XI – Toxicological Information

Animal Data:	N/A
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Section XII – Handling & Storage

Handling (Personnel): Avoid breathing dust. Wash thoroughly after handling. If handling respirable flour, use of gloves and washing before eating, drinking, applying cosmetics or smoking is advisable to minimize dust inhalation or ingestion from hands

Section XIII – Disposal Considerations

Waste Disposal: Treatment, storage, transportation and disposal must be in accordance with applicable Federal, State/Provincial and Local regulations.

If approved, may be transferred to a land disposal site.

Section XIV – Transportation Information

Shipping Containers: Hopper cars, hopper trucks, bags and semi-bulk bags.

New Age Blast Media products are not regulated as a hazardous material by DOT or IMO.

Section XV – Regulatory Information

Title III Hazard Classifications Sections 311, 312

Acute:	No	Chronic:	No
Fire:	No	Reactivity:	No
Pressure:	No		

Section XVI – Silicosis Warning

This product contains no free silica; therefore, will not cause silicosis, a fatal lung disease.

Breathing dust from surfaces being blasted may cause other serious or fatal diseases. Special precautions should be taken in these cases with all material certifications and chemical analyses obtained before commencement of work.

DANGER

You must comply with all OSHA, local, City, State, Province, Country and jurisdiction regulations, ordinances and standards, related to your particular work area and environment. Keep unprotected individuals out of the work area. Failure to avoid the above danger will result in death or serious injury.

Disclaimer

The opinions expressed herein are those of competent personnel within New Age Corporation. New Age believes that the information contained herein is current and accurate for the normal and intended use of this product as of the date of this Material Safety Data Sheet. Since the use of this information and of those opinions or the conditions of use of the product are not within the control of New Age Corporation, it is the users obligation to determine and observe the conditions of safe use and disposal of the product by their operations. New Age Corporation will not be liable for any loss, damage or injury arising out of the use thereof.