

Material Safety Data Sheet Block Out Glass Protective Coating

Section 1. Chemical Product and Company Identification

Product Name	Block Out Glass Protective Coating	
Product Number	NTN BOPC	
Manufacturer/ Supplier	NuTech Specialties, Inc. 9811 So. 6150 W. West Jordan, UT 84088	
Phone Number	(801) 253-1000 (Mon-Fri/ 8am- 5pm MT)	
D.O.T. Emergency Phone:	1-800-633-8253	
Date of Preparation	September 25, 2012	Revision Number 1.0

Section 2. Hazards Identification

Emergency overview	This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.
DANGER!	
Keep out of reach of children. Keep container closed during storage.	
Potential Acute Health Effects	This product is an eye irritant.
Routes of Entry	Eye Contact Ingestion. INHALATION Skin contact.
Eyes	Eye irritant. Liquid and mist may cause damage to the eyes causing corneal injury.
Skin	No evidence of adverse effects from available information.
Inhalation	Low concentrations may cause drowsiness and loss of consciousness. Stomach cramps, pain, nausea, vomiting, and diarrhea may also occur. Vapors may be irritating to mucous membranes of the nose, throat, and lungs.
Ingestion	Toxic. Ingestion of a large quantity may cause drowsiness and loss of consciousness. . May cause headache, dizziness, stomach cramps, pain, nausea, vomiting and diarrhea may also occur. Harmful if swallowed.
Medical conditions aggravated by exposure:	Over-exposure by inhalation may cause respiratory irritation.
Potential Chronic Health	Over-exposure by inhalation may cause respiratory irritation.
Carcinogenic Effects	Classified A3 (Proven for animal.) by ACGIH {2-Butoxyethanol}..
Target Organs	
Environmental effects	

Section 3. Composition and Information on Ingredients

Name	CAS #	% by Weight	Exposure Limits	LC ₅₀ /LD ₅₀
Methanol	6756-1	27	250	

Section 4. First Aid Measures

Eye Contact	Flush with large quantities of water. Seek medical attention.
Skin Contact	Remove contaminated clothing, flush with large quantities of water. Seek medical attention if irritation persists.
Inhalation	Get to fresh air. If breathing stops, give artificial respiration and get medical attention as soon as possible.
Ingestion	Drink two glasses of water and induce vomiting. IF a significant quantity has been swallowed get medical attention immediately.
General Advice	In case of Accident or if you feel unwell, seek medical advice immediately (show label or MSDS where possible).
Notes to Physician	

Section 5. Fire Fighting Measures

Flammability	No specific information is available in our database regarding the flammability of this product in presence of various materials.
Fire Fighting Media and instructions	Apply alcohol-type or all purpose-type foams by manufacturer's recommended techniques for large fires. Use CO ₂ or dry chemical media for small fires.
Products of Combustion	Not available
Special Remarks on Fire Hazards	None
Special Remarks on Explosion Hazards	None
Sensitivity to Mechanical Impact	N/A
Sensitivity to Static Discharge	N/A
Protection of Fire Fighters	See special remarks on Fire Hazards

Section 6. Accidental Release Measures

Personal Precautions	Splash goggles. Full suit. Boots. Gloves.
Methods for Containment	Small spills: flush small spills with water. Large spills: collect large spills for disposal.
Environmental Precautions	Incinerate in a furnace where permitted under appropriate federal, state, and local regulations
Methods for Clean Up	Small spills: flush small spills with water. Large spills: collect large spills for disposal.

Section 7. Handling and Storage

Precautions	WARNING! FLAMMABLE, causes eye irritation, avoid contact with eyes, keep container closed. Keep locked up. DO NOT ingest. Do not breathe gas, fumes, vapor or spray. Wear suitable protective clothing. If ingested, seek medical advice immediately and show the container or the label. At very low concentrations in water (10 ppm) this product can be readily biodegraded in a biological wastewater treatment plant.
Incompatibility	Concentrated nitric and sulfuric acids, strong oxidizers, aldehydes, halogens, and halogen compounds.
Storage	Keep locked up and out of the reach of children. Keep container tightly closed. Not for use or storage in or around the home.

Keep out of reach of children.
Keep container closed during storage.

Section 8. Exposure Controls/Personal Protection

Engineering Controls

Personal Protection Good general ventilation should be sufficient to control airborne levels.

Eyes Mono-goggles

Body Eye bath, Safety shower

Respiratory General room ventilation should be satisfactory

Hands Butyl rubber gloves

Protective Clothing (Pictograms)



Exposure Limits

Methanol
TWA 200ppm
ACGIH 250ppm

Section 9. Physical and Chemical Properties

Physical State and Appearance	Light Pink Liquid
Molecular Weight	N/A
Ph	7
Boiling/Condensation Point	180 F
Melting/Freezing Point	N/A
Critical Temperature	N/A

Instability Temperature	N/A
Specific Gravity	(H2O = 1): 0.83
Vapor Pressure	(Non-Aerosols) (mm Hg and Temperature): N/A
Vapor Density	(Air = 1)
Volatility	N/A
VOC	N/A
Evaporation Rate	(H2O = 1): N/A
Dispersion Properties	N/A
Solubility	Complete in water
The Product is:	
Auto-ignition Temperature	N/A
Flash Points	(Non-aerosols): 100 F, Tag closed cup
Flammable Limits	N/A
Fire Hazards in Presence Of Various Substances	None
Explosion Hazards in Presence of Various Substances	None
Odor	Slight Ammonia smell
Color	Light Pink

Section 10. Stability and Reactivity Data

Stability	The product is stable.
Incompatibility with Various Substance	Concentrated nitric and sulfuric acids, strong oxidizers, aldehydes, halogens, and halogen compounds.
Hazardous Decomposition Products	Burning may produce carbon monoxide and/or carbon dioxide

Section 11. Toxicological Information

Routes of Entry	Eye Contact Ingestion. INHALATION Skin contact
Toxicity to Animals	
Acute Effects on Humans	
Eyes	Eye irritant. Liquid and mist may cause damage to the eyes causing corneal injury.
Skin	No evidence of adverse effects from available information.
Inhalation	Low concentrations may cause drowsiness and loss of consciousness. Stomach cramps, pain, nausea, vomiting, and diarrhea may also occur. Vapors may be irritating to mucous membranes of the nose, throat, and lungs.

Ingestion	Slightly toxic. Ingestion of a large quantity may cause drowsiness and loss of consciousness. . May cause headache, dizziness, stomach cramps, pain, nausea, vomiting and diarrhea may also occur. Harmful if swallowed.
Chronic Effects on Humans	Over-exposure by inhalation may cause respiratory irritation.
Special Remarks on Toxicity to Animals	No additional remarks
Special Remarks on Chronic Effects on Humans	No additional remarks

Section 12. Ecological Information

Ecotoxicity	Not available
BOD5 and COD	Not available
Products of Biodegradation	Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.
Toxicity of the Products of Biodegradation	Not available
Special Remarks on the Products of Biodegradation	No additional remarks

Section 13. Disposal Considerations

Waste Information	Any method in accordance with applicable laws.
Waste Stream	Not available

Section 14. Transport Information

DOT (U.S.A.) (Pictograms)	
TDG Classification	Not controlled under TDG (Canada)
PIN UN, Proper Shipping Name, PG	Not applicable
Maritime Transportation	Not available
Special Provisions for Transport	Not applicable

Section 15. Regulatory Information and Pictograms

Regulatory Lists	No products were found.	
Other Regulations	Not available, or of its ingredients	
Other Classifications	HCS (U.S.A.)	HCS CLASS: Irritating substance.

USA Regulatory Lists This product does NOT contain components that are known to the state of California to Cause Cancer or Reproductive Harm at or above California Prop 65 No Observable Effect Level (NOEL)
 SARA 302 Extremely Hazardous Substances - Not listed
 SARA 311 - 1. Immediate (acute) health hazard
 2. Delayed (chronic) health hazard
 3. Fire hazard
 SARA 313 Toxic Chemical List – Listed

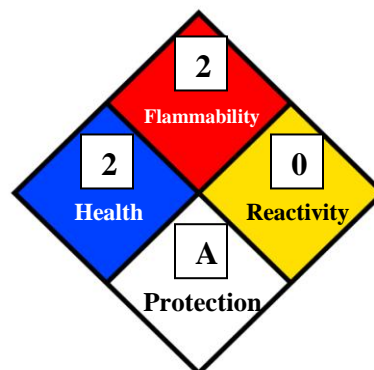
DSD (EEC)

International Regulations Lists No Products were found.

Hazardous Material Information System (U.S.A.)



National Fire Protection Association (U.S.A.)



WHMIS (Classification) WHMIS CLASS D-2: Material causing other toxic effects.

The Hazard Ranking systems presented on this MSDS sheet provide only a quick reference for hazard information. The ENTIRE MSDS must be consulted to determine any specific hazards, First Aid measures, and PPE associated with this product.

Section 16. Other Information

Expiry Date 3 (Three Years) from the date of preparation indicated in Section 1.

Validated by _____ **Verified by** _____

Information Contact _____ **Printed** _____

Notice to Reader:

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

Validated on _____ **NuTech Specialties, Inc.**