

Safety Data Sheet

09/30/2021

Product Identifier: Nitro Substrate Bonder

Section 1 IDENTIFICATION

Product Name: Nitro Substrate Bonder

Manufacturer: GranQuartz
3850 Steve Reynolds Blvd.
Norcross, GA 30093
Website: www.granquartz.com

Trade Name: Nitro Substrate Bonder

Materials Uses: Adhesive for bonding wood and other porous materials to solid surfacing, engineered stone, quartz and natural stone

In Case of Emergency Contact CHEMTREC: 800-424-9300 (USA & Canada)

Section 2 HAZARD IDENTIFICATION

Physical hazards Not classified.
Health hazards Skin corrosion/irritation Category 2
Serious eye damage/eye irritation Category 2
Sensitization, skin Category 1B

Environmental hazards Not classified.
OSHA defined hazards Not classified.
Label elements

Signal word  Warning

Hazard statement Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation.

Precautionary statement

Prevention Wash thoroughly after handling. Contaminated work clothing must not be allowed out of the workplace. Wear eye protection/face protection. Wear protective gloves.

Response If on skin: Wash with plenty of water. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If skin irritation or rash occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.

Storage Store away from incompatible materials.

Disposal Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazard(s) not otherwise classified (HNOC)

None known.

Supplemental information None.

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Section 3 COMPOSITION / INFORMATION ON INGREDIENTS

	Name	CAS #	% by Weight
Adhesive:	Epoxy Resin: reaction product of Bisphenol A and Epichlorohydrin	25068-38-6	> 70
Activator:	Mercaptan Amine	Blend N/A	40 – 70
	2,4,6-tris-(dimethylaminomethyl)-phenol	90-72-2	2.5 – 10
	Hydrophobic Silicon Dioxide, Amorphous	267762-90-7	< 2

Section 4 FIRST-AID MEASURES

Inhalation	Move to fresh air. Call a physician if symptoms develop or persist.
Skin contact	Remove contaminated clothing immediately and wash skin with soap and water. In case of eczema or other skin disorders: Seek medical attention and take along these instructions. Wash contaminated clothing before reuse. May cause redness and pain. May cause an allergic skin reaction. Dermatitis. Rash.
Eye contact	Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision.
Ingestion	Rinse mouth. Get medical attention if symptoms occur. Provide general supportive measures and treat symptomatically. Keep victim under observation. Ensure that medical personnel are aware of the material(s) involved

Section 5 FIRE-FIGHTING MEASURES

Suitable Extinguishing Media: Water fog. Foam. Dry chemical powder. Carbon dioxide (CO₂).

Specific Hazards Arising from the Chemical: During fire, gases hazardous to health may be formed.

Special Protective Equipment and Precautions for Firefighters: Use self-contained breathing apparatus(SCBA) and protective clothing.

Risk of Explosion due to Mechanical Impact: Not Applicable.

Risk of Explosion due to Static Discharge: Not Applicable.

Hazardous Products of Combustion: During fire gases hazardous to health may be formed.

Section 6 ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures: For large spill or leak wear self-contained breathing apparatus (SCBA) and appropriate PPE.

Environmental Precautions: Keep out of sewers and drains.

Clean-Up Methods / Materials: Absorb with an inert material and place in an appropriate container for disposal.

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Section 7 HANDLING AND STORAGE

Handling Precautions: Avoid breathing vapors. Use in a well-ventilated area. Wear rubber gloves (nitrile or butyl) and chemical resistant apron. Wear chemical splash goggles. Do not reuse empty containers.

Storage Precautions: Store in a cool, dry, well-ventilated area at temperatures less than 75°F (25°C). Storage above 212°F (100°C) may cause explosive decomposition. Avoid storage in direct sunlight. Keep containers closed when not in use. Keep away from heat sources, sparks, and open flames.

Section 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational exposure limits This mixture has no ingredients that have PEL, TLV, or other recommended exposure limit.

Biological limit values No biological exposure limits noted for the ingredient(s).

Appropriate engineering controls Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Provide eyewash station and safety shower.

Individual protection measures, such as personal protective equipment

Eye/face protection Wear safety glasses with side shields (or goggles). Face shield is recommended.

Skin protection Wear appropriate chemical resistant gloves.

Hand protection Wear appropriate chemical resistant clothing. Use of an impervious apron is recommended

Other.

Respiratory protection In case of insufficient ventilation, wear suitable respiratory equipment.

Thermal hazards Wear appropriate thermal protective clothing, when necessary. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Contaminated work clothing should not be allowed out of the workplace.

Individual Protection Measures and PPE:

Eye / Face Protection: Wear safety glasses with side shields or splash goggles.

Skin Protection: Chemical resistant gloves (nitrile or butyl) and chemical resistant apron are recommended.

Respiratory Protection In case of insufficient ventilation, wear an approved (NIOSH) respirator with organic vapor cartridge and dust/mist pre-filter.

Thermal Hazards: None.

Section 9 PHYSICAL AND CHEMICAL PROPERTIES

	Adhesive	Activator
Appearance:	Straw colored liquid	Liquid
Odor:	Mild Sweet	Mild citrus odor
Odor Threshold:	Not Available	Not Available
pH:	4.0 – 6.0	4.0 – 6.0
Melting Point / Freezing Point:	Not available	Not Available Initial
Boiling Point and Boiling Range:	473°F (245°C)	> 550°F (288°C) Flash
Point and Method:	265°F (129°C)	200°F (93)°c
Evaporation Rate:	Not Available	Not Available
Flammability:	Class IIIB	Class IIIB.
Lower Explosion Limit:	Not Available	Not Available

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Upper Explosion Limit:	Not Available	Not Available
Vapor Pressure:	Not Available	Not Available
Vapor Density:	Not Available	Not Available
Relative Density:	7.7 – 8.8 lbs./gallon	9.0 – 9.3 lbs. / gallon
Solubility(ies):	Not Available	Not Available
Auto-Ignition Temperature:	Not Available	Not Available
Decomposition Temperature:	Not Available	Not Available
Viscosity:	Not Available	Not Available
Percent Volatile:	Not Available	Not Available
Specific Gravity:	0.93 – 1.05	1.16
VOC:	Not Available	Not Available
Composition:	Formaldehyde Free	Formaldehyde Free
	Phthalate Free	Phthalate Free

Section 10 STABILITY AND REACTIVITY

Reactivity: Product is stable as supplied and when used as intended. Product can become unstable under certain conditions or in contact with incompatible materials.

Chemical Stability: Not Available.

Possibility of Hazardous Reactions: Polymerization may occur under certain conditions.

Conditions to Avoid: Avoid extreme temperatures, open flames, sparks, and direct sunlight.

Materials to Avoid (Incompatibility): Oxidizing agents and conditions, strong acids and alkalies, oxygen-free atmospheres, inert gas blanketing, and free radical initiators.

Hazardous Decomposition Products: No hazardous decomposition products are known,

Section 11 TOXICOLOGICAL INFORMATION

Acute Toxicity to Humans: This product has not been tested for human effects. No additional information.

Chronic Toxicity to Animals: This product has not been tested for animal effects. No additional information.

Chronic Toxicity to Humans: This product has not been tested for human effects. No additional information.

Skin Corrosion / Irritation: Not Available.

Eye Damage / Irritation: Not Available.

Respiratory Sensitization: Not Available.

Skin Sensitization: May cause an allergic skin reaction

Mutagenicity: Classifiable as "none" for human.

Carcinogenicity: None listed

Reproductive Toxicity: Not Available.

Teratogenic Effects: Classifiable as "none" for human.

STOST- Single Exposure: Not Available.

STOST – Repeated Exposure: Not Available.

Aspiration Hazard: Not Available.

Section 12 ECOLOGICAL INFORMATION

Ecotoxicity: The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

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Persistence and degradability: no data available

Bioaccumulative potential: No data available.

Mobility in Soil: Not Available.

Other Adverse Effects: Not Available.

Section 13 DISPOSAL CONSIDERATIONS

Disposal instructions: Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international regulations.

Local disposal regulations: Dispose in accordance with all applicable regulations.

Hazardous waste code: The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

Waste from residues / unused products: Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

Contaminated packaging: Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

Section 14 TRANSPORT INFORMATION

DOT Classification: Not regulated as dangerous goods

ICAO/IATA Classification: Not regulated as dangerous goods

IMO/IMDG Classification: Class 3 Flammable Liquid.

Section 15 REGULATORY INFORMATION

Toxic Substances Control Act (TSCA)

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4)

Not listed.

SARA 304 Emergency release notification

Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)

Not listed.

Superfund Amendments and Reauthorization Act of 1986

(SARA)SARA 302 Extremely hazardous substance

Not listed.

SARA 311/312

Hazardous chemical

Classified hazard

categories

SARA 313 (TRI reporting)

Not regulated.

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Yes erious eye damage or eye
irritationRespiratory or skin
Skin corrosion or irritation sensitization
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Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Not regulated.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated.

Safe Drinking Water Act(SDWA) Not regulated.

US State Regulations: California Proposition 65: California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material contains a chemicals that is currently listed as carcinogens or reproductive toxins. Formore information go to www.P65Warnings.ca.gov.



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Section 16 OTHER INFORMATION
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Changes to This Revision: Original

Prepared By:

Telephone:

To the best of our knowledge, the information contained herein is accurate. However, neither the above named manufacturer nor any of its subsidiaries assumes any liability whatsoever for 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.

END OF SDS DOCUMENT
