

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Gemstone™

Product Description: Gemstone is a solid surface for solid surface sinks, bowls and vanities.

Company Identification: **Newlett (dba GEMSTONE)**

435 Harrison Street
Elkhart, IN 46516-2771
PHONE: 574-294-8899

2. COMPOSITION / INFORMATION ON INGREDIENTS:

<u>Chemical Name</u>	<u>Percent</u>	<u>ACGIH TLV</u>	<u>OSHA PEL</u>
Solid Surface Resin	40%	10 mg/m ³ (Total Dust)	15 mg/m ³ (Total Dust)
ATH-Alumina Trihydrate	60%	10 mg/m ³ (Total Dust)	15 mg/m ³ (Total Dust)

This product is classified as an "article" according to Title 29 of the Code of Federal Regulations, OSHA Part 1910.1200.

"Article means a manufactured item other than a fluid or particle, which is formed to a specific shape or design during manufacture which has end use function dependent in whole or in part upon its shape or design during end use, and which under normal conditions of use does not release more than very small quantities or trace amounts of a hazardous chemical, and does not pose a physical hazard or health risk to employees."

This product is odorless, stable, and poses no immediate hazard to health. However, respiratory, hand and eye protection may be needed to prevent excess exposure to airborne particulates if dust is produced by cutting or if dust is produced by any other operation, including removal.

HAZARDS DISCLOSURE: This product does not contain known hazardous materials as defined by the OSHA Hazard Communication Standard 29 CFR 1910.1200. As defined under Sara 311 and 312, this product does not contain known hazardous materials.

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW – Non-hazardous PRODUCT when used as intended.

NFPA Rating: Health - 0, Flammability - 0, Reactivity - 0
NFPA Definitions: (0-Least, 1-Slight, 2-Moderate, 3-High, 4-Extreme).

Potential Health Effects

Inhalation: This product does not represent an inhalation hazard as a finished product, however cutting or altering the product during installation may generate dust which may irritate the upper respiratory system.

Ingestion: This product does not represent an ingestion hazard.

Skin Contact: May irritate skin on prolonged or repeated contact.

Eye Contact: May cause slight irritation to eyes.

Chronic Exposure: No Chronic effects.

Aggravation of Pre-existing Conditions: None known.

Carcinogenicity: This product and its components are not listed by the NTP, IARC, or regulated by OSHA as carcinogens.

4. FIRST AID MEASURES

Inhalation: Not expected as a result of exposure to this product. If dust generated during installation or alteration of this product is inhaled. Remove victim to fresh air. If persistent irritation, severe coughing, or breathing difficulty occurs. Get medical attention immediately.

Ingestion: Not expected as a result of exposure this product.

Skin Contact: Wash skin with water after handling this product. If irritation persists get medical attention.

Eye Contact: Not expected as a result of exposure to this product. If dust generated from this product contacts the eye immediately flush eyes with plenty of water for at least 15 minutes lifting upper and lower eyelids. If irritation persists, get medical attention.

5. FIRE FIGHTING MEASURES

Flash Point : Non-Flammable

Auto-ignition temperature: NA

Flammable limits in air % by volume:

LEL: NA

UEL: NA

Explosion: None

Fire Extinguishing Media: Use any means suitable for extinguishing surrounding fire.

Special Fire Fighting Procedures: In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full face piece operated in the pressure demand or other positive pressure mode.

6. ACCIDENTAL RELEASE MEASURES

Pick-up for re-use or recycle.

7. HANDLING AND STORAGE

HANDLING (PERSONNEL): Use appropriate personal protective hand gloves during handling. Protect against physical damage. Observe good hygiene practices.

STORAGE PRECAUTIONS: Store at ambient temperatures. Keep away from freezing. Keep sheets stored at room temperature away from flames and fire. As a good practice, do not allow product to overheat or expose to flame or extreme cold.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Airborne Exposure Limits: General Dust exposure Limits apply 15 mg/m³ **Ventilation System:** Maintain good ventilation in area.

Personal Respirators (NIOSH Approved): None required if good ventilation is maintained.

Breathing air quality must meet the requirements of the OSHA respiratory protection standard (29CFR1910.134). Where respirators are required, you must have a written program covering the basic requirements in the OSHA respirator standard. These include training, fit testing, medical approval, cleaning, maintenance, cartridge change schedules, etc. See 29CFR1910.134 for details.

Skin Protection: Impervious (rubber, neoprene, PVC, etc.) hand gloves, apron.

Eye Protection: Use Good safety practices.

Hygiene Practices: Do not eat, drink or smoke when working with this material. Wash hands before breaks and after work.

9. PHYSICAL AND CHEMICAL PROPERTIES

FORM: Solid

COLOR: Varies

ODOR: Odorless

SPECIFIC GRAVITY: N/A

SOLUBILITY IN WATER: None

PH: N/A

MELTING/FREEZING POINT: N/A
AUTOIGNITION TEMPERATURE: N/A

BOILING POINT: N/A
VAPOR DENSITY (Air=1): N/A

10. STABILITY AND REACTIVITY

Stability: Stable under ordinary conditions of use and storage.
Hazardous Decomposition Products: May yield acrid smoke and irritating gases with oxides of carbon and inorganic fragments. Toxic fumes and dark smoke yields when burnt.
Hazardous Polymerization: Will occur.
Incompatibilities: Mineral acids and strong salt solutions.
Conditions to Avoid: None known.

11. TOXICOLOGICAL INFORMATION

Toxicity Data:
Material has polymer content in the product and is not a problem in normal handling and storage. However polymer may release acetaldehyde into workroom atmosphere when sheets are heated above 195° C.

<u>Cancer Lists</u> Ingredient	---NTP Carcinogen---		<u>IARC Category</u>
	<u>Known</u>	<u>Anticipated</u>	
All Components	No	No	None

12. ECOLOGICAL INFORMATION

Environmental Fate: No Data Available
Environmental Toxicity: No Data Available

13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with federal, state and local requirements.

14. TRANSPORTATION INFORMATION

Domestic (Land, D.O.T.) International (Water, I.M.O. & Air, I.C.A.O.)
SHIPPING NAME: Non-Regulated Material
PRODUCT LABEL: Gemstone
UN NUMBER: N/A
ADR: N/A
IMO CLASS: N/A
D.O.T. HAZARD CLASS: N/A
PACKING GROUP: N/A
ERG #: N/A
Max container size for Air Shipments: N/A

15. REGULATORY INFORMATION

Federal, State & International Regulations

Ingredient	<u>SARA 302</u>			<u>-SARA 313-</u>	<u>CERCLA</u>	<u>RCRA</u>	<u>TSCA</u>
	<u>RQ</u>	<u>TPQ</u>	<u>List</u>	<u>Chemical Catalog</u>		<u>261.33</u>	<u>8(d)</u>
All Components	NO	NO	NO	NO	NO	NO	NO

Chemical Weapons Convention: No **TSCA 12(b):** No **CDTA:** No
SARA 311/312: Acute: No; Chronic: No; Fire: NO; Pressure: NO; Reactivity: NO (Mixture / Liquid)
Australian Hazchem Code: None allocated **Poison Schedule:** None allocated.

WHMIS: This MSDS has been prepared according to the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR.

This material or all of its components are listed on the Inventory of Existing Chemical Substances under the Toxic Substance Control Act (TSCA). This material or all of its components are listed on the Canadian Domestic Substances List (DSL). This material or all of its components are listed (or considered as having been notified) on the European Inventory of Existing Chemical Substances (EINECS). Other inventory lists: ENCS (Japan), Korea, Australia, China (Draft), PICCS (Philippines), Japan (ENCS).

16. OTHER INFORMATION

Prepared By: Paul Eigbrett;
Supersedes Date: New

Approval Date: April 15, 2010

This Material Safety Data Sheet (MSDS) has been reviewed to fully comply with the guidance contained in the ANSI MSDS standard (ANSI Z400.1-2004).

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