

**NEXSEAL BARRIER COAT, NEXSEAL HONEYCOMB GROUT AND  
NEXSEAL PLUG  
MATERIAL SAFETY DATA SHEET (MSDS)**



**Section I - Identification of Product and Company**

**Trade Product Name:** Nexseal Barrier Coat, Nexseal Honeycomb Grout,  
Nexseal Plug  
**Preparation/Revision Date:** 03/15  
**Company Name:** Nexgen Resources Ltd  
**Emergency phone:** 1 868 645-6589  
**Company Address:** #76A Frederick Settlement, Industrial Estate, Caroni,  
Trinidad, W.I  
**Information phone:** 1 868 662-9736  
**WHMIS:** D2b (Materials causing other toxic effects (skin or eye

**Section II - Composition/Information on Hazardous Ingredients**

<b>HAZARDOUS INGREDIENTS</b>	<b>%</b>	<b>CAS N.</b>	<b>Exposure Limits</b>
Silica, Quartz, Crystalline	15-40	14808-60-7	0.05 mg respirable dust/m <sup>3</sup>
Portland Cement	15-70	65997-15-1	10 mg total dust/m <sup>3</sup>

**Section III - Hazards Identification**

**HAZARD CLASSIFICATION** None

**Section IV - First Aid Measures**

**Treatment for Eye Contact:** Immediately flush eyes with water for 15 minutes. If irritation persists call physician.  
**Treatment for Skin Contact:** Wash skin with soap and clean water. If irritation persists, consult a physician.  
**Treatment for Inhalation** Move to fresh air. If breathing difficulty persists, consult a physician.  
**Treatment for Ingestion** Do not induce vomiting. Guard against aspiration into lungs. Material is non-toxic. Give 2 glasses of water if victim is conscious and alert. Consult a physician.

**Section V - Firefighting Measures**

**Suitable extinguishing media:** Not available. Not Flammable  
**Forbidden extinguishing media:** Not available.  
**Special firefighting measures:** None.  
**Unusual fire and explosion hazards:** None.  
**Special protection equipment:** None.

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**Section VI - Accidental Release Measures**

<b>Treatment for Eye Contact:</b>	Immediately flush eyes with water for 15 minutes. If irritation persists, call physician.
<b>Treatment for Skin Contact:</b>	Wash skin with soap and clean water. If irritation persists, consult a physician.
<b>Treatment for Inhalation</b>	Move to fresh air. If breathing difficulty persists, consult a physician.
<b>Treatment for Ingestion</b>	Do not induce vomiting. Guard against aspiration into lungs. Material is non-toxic. Give 2 glasses of water if victim is conscious and alert. Consult a physician.

**Section VII - Handling and Storage**

<b>Handling Precautions:</b>	Adopt precautions provided in section VIII.
<b>Precautions in case of Fire and Explosion:</b>	Not available.
<b>Storage Conditions:</b>	Store in a dry place. Keep containers closed to prevent moisture absorption and contamination.
<b>Suggested Container(s):</b>	Pails or bags that prevent access to moisture
<b>Indication for Combined Storage:</b>	Avoid contact with oxidizing agents and strong acids.
<b>Other Precautions:</b>	Use according to directions.

**Section VIII - Exposure controls/personal protection**

<b>Precautionary Measures:</b>	Ventilation
<b>Local Exhaust Ventilation:</b>	Use the product in a well-ventilated area.
<b>Special Ventilation:</b>	None.
<b>Mechanical (General) Ventilation:</b>	None.
<b>Other Ventilation:</b>	None.
<b>Limits TWA:</b>	Not applicable
<b>PEL:</b>	Not applicable
<b>Respiratory Protection:</b>	None required under normal conditions.
<b>Hands Protection:</b>	Impervious gloves, neoprene type.
<b>Eyes Protection:</b>	Safety glasses.
<b>Skin Protection:</b>	Handle in accordance with good personal hygiene and safety practices. These practices include avoiding unnecessary exposure.
<b>Other Protective Equipment:</b>	In case of dust formation in air, wear mask with self-contained breathing apparatus.

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**Section IX - Physical and Chemical Properties**

<b>Boiling Point:</b>	Not Applicable	<b>Vapor Pressure:</b>	Not Applicable
<b>Melting Point:</b>	Not established	<b>Specific Gravity:</b>	1.3
<b>Solubility in water:</b>	5-15%	<b>Flash Point:</b>	305°C
<b>Upper explosivity limit:</b>	N/A	<b>Lower explosivity limit:</b>	N/A
<b>Evaporation Rate (n-butane=1):</b>	Not Applicable		
<b>Vapor Density (air=1):</b>	Not Applicable		
<b>Appearance and Odour (Physical Form):</b>	Grey odourless powder		

**Section X - Stability and Reactivity**

<b>Stability:</b>	Stable
<b>Conditions to avoid:</b>	Not Applicable
<b>Incompatibility (Materials to Avoid):</b>	Strong acids and oxidizing agents.
<b>Hazardous Decomposition Products:</b>	None.
<b>Hazardous Polymerization Products:</b>	Will not occur

**Section XI - Toxicological Information**

<b>Carcinogenic\Teratogenic:</b>	No Data
<b>Effects and Hazards of Skin Contact:</b>	May cause irritation.
<b>Effects and Hazards of Eye Contact:</b>	Will cause severe irritation.
<b>Effects and Hazards of Inhalation:</b>	May cause irritation to the respiratory tract.

**Effects and Hazards of Ingestion:** Ingestion of small quantities of this material under normal circumstances would not cause harmful effects.

**Effects for Prolonged Exposure:** Prolonged inhalation of silica dust may result in silicosis and silica dust is a suspected carcinogenic

**Section X11– First Aid Measures**

<b>Eye Contact:</b>	Remove any contact lenses. Flush with large amounts of clean water for 15 minutes. If irritation persists, seek medical attention.
<b>Inhalation:</b>	Immediately move victim to fresh air.
<b>Ingestion:</b>	Do not induce vomiting. Guard against aspiration into lungs. Get prompt medical attention. Material is not toxic. If victim is conscious and alert, give two glasses of water.

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**Section XIII - Ecological Information**

There is no specific information on the product. Use according to good working practices, avoiding release of the product into environment.

**Section XIV - Disposal Considerations**

Incinerate or landfill in accordance with local regulations.

**Section XV – First Aid Measures**

Eye Contact:	Remove any contact lenses. Flush with large amounts of clean water for 15 minutes. If irritation persists, seek medical attention.
Inhalation:	Immediately move victim to fresh air.
Ingestion:	Do not induce vomiting. Guard against aspiration into lungs. Get prompt medical attention. Material is not toxic. If victim is conscious and alert, give two glasses of water.

**Manufacture's notes**

- The information on this data sheet reflects the currently available knowledge and is reliable provided that the product is used under the prescribed conditions and in accordance with the application specified on the packaging and/or in the technical guidance literature. Any other use of the product, including the use of the product in combination with any other product or any other process, is the responsibility of the user.
- It is implicit that the user is responsible for determining appropriate safety measures and for applying the legislation covering his own activities.