



DIAMONDGRID™

FOR A SOLID SURFACE
ANYWHERE



ENVIRONMENTAL IMPACT ASSESSMENT

diamondgrid.com

Section 1: Identification of Product and Supplier

Product name	Diamond Grid
Product use	Surface stabilisation
Supplier	Diamond Grid international Pty Ltd
Further information available from	www.diamondgrid.com or info@diamondgrid.com
Emergency (24 hours)	+61 487 747 516

Section 2: Hazards identification

Combustible Dust	No
GHS Signal Word	Warning
GHS Hazard Phrases	May form combustible dust concentrations in air. While this product may not be a combustible dust as sold, further processing or handling may form combustible dust concentrations in air.
GHS Precaution Phrases	No phrases apply
GHS Response Phrases	No phrases apply
GHS Storage and Disposal Phrases	No phrases apply
OHSA Regulatory Status	This product has been classified in accordance with the hazard communication standard 29 CFR 1910.1200, the SDS and labels contain all the information as required by the standard.

Potential Health Effects (Acute and Chronic) The components of this product are embedded in an impervious polymer matrix and therefore present a negligible exposure risk under normal conditions of processing and handling.

Inhalation Fumes produced during melt process may cause eye, skin and respiratory irritation. Secondary operations such as material transfer, grinding, sanding or sawing can produce combustible dust.

Skin Contact Heated material can cause thermal burns resulting in pain, redness and blistering.

Eye Contact May cause irritation.

Ingestion May be harmful if swallowed.

Medical Conditions Generally Aggravated By Exposure None Known

Section 3: Composition/Information on Ingredients

CAS No.	NA
Hazardous Components (Chemical Name/s)	None
Concentration	~100%

Section 4: First Aid Measures

Emergency and First Aid Procedures	For processing fume inhalation, leave the contaminated area and breathe fresh air.
In case of Inhalation	Remove from exposure and move to fresh air immediately. If unable to breathe, give artificial respiration. If breathing is difficult, give oxygen and get medical aid.
In case of Skin Contact	Get medical aid if irritation develops or persists. Rinse skin with plenty of soap and water.
In case of Eye Contact	Immediately rinse eyes with copious amounts of water for at least 15 minutes.
In case of Ingestion	If swallowed, wash out mouth with water provided the person is conscious. Seek medical help immediately.
Signs and Symptoms of Exposure	The components of this product are embedded in an impervious polymer matrix and therefore present a negligible exposure risk under normal processing conditions.
Notes to Physician	None

Section 5: Fire-fighting Measures

Flash Pt	NA
Method Used	NA
Explosive Limits	LEL: NA
Autoignition Pt	NA

Suitable Extinguishing Media

Water spray and foam. Water is the best extinguishing medium.

Fire Fighting Instructions

Wear fully protective body suit with self-contained breathing apparatus (S.C.B.A.) to prevent contact with fumes and gases produced during combustion.

Flammable Properties and Hazards

Carbon dioxide and carbon monoxide generated when the material burns.

Fire/Explosion Hazard

Combustible and will support combustion. Products of combustion are carbon dioxide (asphyxiant), carbon monoxide (toxic) and low levels of aldehydes and acetic acid. All are potentially lethal in sustained exposure.

Fire Incompatibility

Oxidising agents.

HAZCHEM Code

Does not meet the criteria for classification.

Personal Protection

Wear fully protective body suit with self-contained breathing apparatus (S.C.B.A.) to prevent contact with fumes and gases produced during combustion and appropriate gloves and footwear.

Section 6: Accidental Release Measures

Steps TO Be Taken In Case Material Is Released or Spilled

Vacuum or sweep up material and place into a suitable disposal container.

Section 7: Handline and Storage

Procedure for Handling	Use with adequate ventilation. Minimise dust generation and accumulation as combustible dust mixtures may be formed.
Procedure for Storing	Store in a cool, dry place.

Engineering Controls (ventilation etc)	Use adequate ventilation to keep airborne concentrations low. Use process enclosure, local exhaust ventilation, or other engineering controls to control airborne levels.
Work/Hygienic/Maintenance Practices	Wash thoroughly after handling.

Section 8: Exposure Controls/Personal Protection

Exposure Controls	CAS #	NA
	Partial Chemical Name	None
	OSHA TWA	No data
	ACGIH TWA	No data
	Other Limits	No data

PERSONAL PROTECTION

Eye Protection	Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in {1910.133} or European Standard EN166.
Protective Gloves	Wear appropriate protective gloves to minimise skin exposure.
Other Protective Clothing	Wear appropriate clothing to minimise contact with skin.

Section 9: Physical and Chemical Properties

Physical States	<input type="checkbox"/> Gas <input type="checkbox"/> Liquid <input checked="" type="checkbox"/> Solid
Appearance and Odour	Slight or no odour.
Colour	Black
pH	Nil effect, insoluble
Melting Point	110.00 C (230.0 F) – 140.00 C (284.0 F)
Boiling Point	NA
Flash Point	NA Method used: NA
Evaporation Rate	NA
Flammability (solid, gas)	Will burn in contact with flame
Explosive Limits	LEL: NA
UEL	NA
Vapour pressure (vs. Air or mm Hg)	NA
Vapour density (vs. Air = 1)	NA

Specific Gravity (Water = 1)	> 1
Solubility in Water	NA
Solubility Notes	Insoluble in cold water
Octanol/Water Partition Coefficient	No data
Percent Volatile	< 1.0%
Autoignition Pt	NA
Decomposition Temperature	> 300.00C (572.0 F)
Viscosity	No data

Possibility of Hazardous Reactions	<input type="checkbox"/> Will occur <input checked="" type="checkbox"/> Will not occur
Conditions to Avoid – Hazardous Reactions	Under normal conditions of use, hazardous decomposition will not occur

Section 11: Toxicological Information

Toxicological Information	No data available	
Carcinogenicity/Other	CAS #	NA
	Hazardous Components (Chemical Name)	None
	NTP	NA
	IARC	NA
	ACGIH	NA
	OSHA	NA

Section 10: Chemical Stability and Reactivity

Stability	<input type="checkbox"/> Unstable <input checked="" type="checkbox"/> Stable
Conditions to Avoid – Instability	Stable under recommended conditions of storage and handling.
Incompatibility – Materials to Avoid	No special recommendations
Hazardous Decomposition or Byproducts	Processing fumes evolved at recommended processing conditions may include trace levels of low molecular weight hydrocarbon fragments, carbon dioxide, carbon monoxide and irritating fumes and gases.

Section 12: Ecological Information

General Ecological Information	This 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
Bio accumulative Potential	This product will not readily bio accumulate due to its insolubility in water.
Mobility in Soil	Soil mobility is expected to be negligible, because the product is insoluble in water.

AIR TRANSPORT

ICAO/IATA Shipping Name	Non-hazardous for Air Transport
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Section 13: Disposal Considerations

Waste Disposal Method	Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in {261} CFR Parts {261.3}. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification. RCRA P-Series: None listed. RCRA U-Series: None listed.
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Section 15: Regulatory Information

EPA SARA (Superfund Amendments and Reauthorisation Act of 1986) Lists	CAS #	NA
	Hazardous Components (Chemical Name)	None
	S. 302 (EHS)	No
	S. 304 RQ	No
	S. 313 (TRI)	No

The material meets the EPA 'Hazard Categories' defined for SARA Title III Sections 311/312 as indicated	Acute (immediate) Health Hazard <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	Chronic (delayed) Health Hazard <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Fire hazard
 Yes No

Sudden Release of Pressure Hazard
 Yes No

Reactive Hazard
 Yes No

Section 14: Transport Information

LAND TRANSPORT (US DOT)

DOT Proper Shipping Name	Not regulated as a hazardous material.
DOT Hazard Class	
UN/NA Number	

CAS #	NA
Hazardous Components (Chemical Name)	None

The material meets the EPA 'Hazard Categories' defined for SARA Title III Sections 311/312 as indicated (Continued)

Other US EPA or State Lists	CAA HAP,ODC: No; CWA NPDES: No; TSCA: No
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CAS #	NA
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Hazardous Components (Chemical Name)	None
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International Regulatory Lists	Canadian DSL: No; Canadian NDSL: No; Mexico INSQ: No;
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REACH: No

Section 16: Other Information

Additional Information About This Product

Information given herein is offered in good faith as accurate, but without guarantee. The conditions of use and suitability of the product for an application is beyond our control. All risks of use of the product are therefore assumed by the user and we expressly disclaim all warranties of every kind of nature, including warranties of merchantability and fitness for a particular purpose in respect to the use or suitability of this product. Appropriate warnings and safe handling procedures should be provided to handlers and users.