

Safety Data Sheet

Densified Granite Effect Series & Luxury Series Granite

SDS No. 9623.24

Date of Preparation: 7/16/96

Revision: 9/2/20

Section 1 - Chemical Product and Company Identification

Product/Chemical Name: Densified Granite Effect, all colors

General Use: Used in solid surface applications

Manufacturer: The R. J. Marshall Company
26776 W. 12 Mile Road
Southfield, MI 48034-7807
(248) 353-4100

Emergency Phone: (800) 424-9300

Date Revised: 9/2/20

Prepared By: Stephanie Nichols

Section 2 – Hazards Identification

Classification of the chemical under paragraph (d) of 1910.1200: Not hazardous.

Signal words: None

Symbol: None

Hazard statements: None

Precautionary statements:

P261: Avoid breathing dust.

P280: Wear eye protection.

P285: In case of inadequate ventilation wear respiratory protection.

P301+313+330: IF SWALLOWED: Rinse mouth, get medical advice.

P305+351+338: IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do; continue rinsing.

P302+352: IF ON SKIN: Wash with soap and water.

P402: Store in a dry place.

HMIS

H 1

F 0

R 0

PPE† E

†Sec. 8

Hazards not otherwise classified: None

Section 3 – Composition/Information on Ingredients

There are no ingredients classified as hazardous.

Section 4 - First Aid Measures

Inhalation: If overcome by high dust concentrations, remove to a ventilated area. Seek medical attention for any symptoms that may develop.

Eye Contact: Flush eyes thoroughly taking care to rinse under eyelids. Do not scrub. Abrasion may cause irritation. If discomfort continues, continue to wash with water. If irritation persists, consult a physician.

Skin Contact: Wash skin thoroughly with soap and water. Consult a physician if irritation persists.

Ingestion: Consult a physician.

Most important symptoms/effects, acute and delayed: None

Indication of immediate medical attention and special treatment needed: None

Section 5 - Fire-Fighting Measures

Suitable Extinguishing Media: Water spray, carbon dioxide, or other dry chemicals.

Unsuitable Extinguishing Media: None known.

Unusual Fire or Explosion Hazards: None known.

Hazardous Combustion Products: May include carbon monoxide, carbon dioxide, smoke, oxides of nitrogen, and styrene.

Fire-Fighting Instructions: Do not release runoff from fire control methods to sewers or waterways.

Fire-Fighting Equipment: Because fire may produce toxic thermal decomposition products, wear a self-contained breathing apparatus (SCBA) with a full face-piece operated in pressure-demand or positive-pressure mode.

Section 6 - Accidental Release Measures

Personal precautions, protective equipment, and emergency procedures: Avoid dust formation. In case of inadequate ventilation wear respiratory protection.

Environmental precautions: None.

Methods and materials for containment and cleaning up: Sweep up and dispose of per local regulations.

Section 7 - Handling and Storage

Precautions for safe handling: Avoid generating dust during handling.

Conditions for safe storage, including any incompatibilities: Keep container tightly closed. Store in a dry place.

Section 8 - Exposure Controls / Personal Protection

Engineering Controls:

Ventilation: Provide general or local exhaust ventilation systems to maintain airborne concentrations below OSHA PELs (Sec. 2). Local exhaust ventilation is preferred because it prevents contaminant dispersion into the work area by controlling it at its source.

Administrative Controls:

Protective Clothing/Equipment: Wear protective eyeglasses.

Contaminated Equipment: Separate contaminated work clothes from street clothes. Launder before reuse. Remove this material from your shoes and clean personal protective equipment.

Comments: Never eat, drink, or smoke in work areas. Practice good personal hygiene after using this material, especially before eating, drinking, smoking, using the toilet, or applying cosmetics.

Ingredient	OSHA PEL		ACGIH TLV	
	TWA	STEL	TWA	STEL
Particles Not Otherwise Classified	15 mg/m ³ total, 5 mg/m ³ respirable	none estab.	none estab.	none estab.

Section 9 - Physical and Chemical Properties

Appearance: powder, color varies

Odor: odorless

Odor Threshold: n/e

pH: n/e

Freezing/Melting Point: n/a

Boiling Point: n/a

Flash Point: n/a

Flash Point Method: n/a

Evaporation Rate: n/a

Flammability: not flammable

Upper/lower flammability or explosive limits: n/a

Vapor Pressure: n/e

Vapor Density (Air=1): n/a

Relative Density: 1.7

Water Solubility: Insoluble

Other Solubilities: n/a

Partition coefficient: n-octanol/water; n/a

Auto-ignition Temperature: Not determined.

Decomposition Temperature: n/a

Viscosity: n/a

Section 10 - Stability and Reactivity

Reactivity: None known.

Chemical Stability: This product is stable at room temperature in closed containers under normal storage and handling conditions.

Possibility of hazardous reactions: No hazardous reactions known.

Conditions to Avoid: None known.

Incompatible materials: Strong acids or alkaline may destroy surface appearance.

Hazardous Decomposition Products: Thermal oxidative decomposition may produce carbon monoxide, carbon dioxide, smoke, oxides of nitrogen, and styrene.

Section 11- Toxicological Information

Information on the likely routes of exposure: Eye, Skin, Inhalation

Symptoms related to the physical, chemical, and toxicological characteristics:

Eye Effects: Nuisance dust. May irritate mechanical abrasion.

Skin Effects: Nuisance dust. May irritate mechanical abrasion.

Acute Inhalation Effects: Overexposure to dust may irritate the respiratory tract.

Acute Oral Effects: None known.

Delayed and immediate effects and also chronic effects from short and long-term exposure: None known.

Numerical measures of toxicity:

Acute:

	Value
Oral	No data available
Dermal	No data available
Inhalation	No data available
Skin Corrosion	No data available
Skin Irritation	No data available
Eye Irritation	No data available
Sensitization	No data available

Repeated dose toxicity:

	Value
Oral	No data available
Inhalation	No data available

Carcinogenicity: Neither this product nor any of its components are considered carcinogenic by OSHA, IARC, NTP, or ACGIH.

Section 12 - Ecological Information

Ecotoxicity: No data available.

Persistence and degradability: No data available.

Bioaccumulative potential: Not applicable

Mobility in soil: Not applicable.

Results of PBT and vPvB assessment: This product does not meet the classification as PBT/vPvB.

Other adverse effects: None known.

Section 13 - Disposal Considerations

Disposal: Recycle or landfill if possible. This substance is inert and does not require special disposal methods. Follow applicable Federal, state, and local regulations.

Section 14 - Transport Information

DOT Transportation Data (49 CFR 172.101): This product is not classified as dangerous under the transport regulations for road, rail, sea, or air transport.

UN Number: not classified as dangerous goods

UN proper shipping name: not classified as dangerous goods

Transport hazard classes: None

Packaging group: None

Environmental hazards: None

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: Not hazardous.

Special precautions for user: None

Section 15 - Regulatory Information

EPA Regulations:

RCRA Hazardous Waste Number: Not listed (40 CFR 261.33)
 RCRA Hazardous Waste Classification (40 CFR 261.??): Not classified
 CERCLA Hazardous Substance (40 CFR 302.4) not listed
 SARA Toxic Chemical (40 CFR 372.65): Not listed
 SARA EHS (Extremely Hazardous Substance) (40 CFR 355): Not listed
 SARA 311/312 Hazard: None

OSHA Regulations:

Air Contaminant (29 CFR 1910.1000, Table Z-1, Z-1-A): Not listed

Proposition 65: Not listed

Inventory Lists: This product is listed on the following inventory lists:

TSCA	Australia AICS	Canada DSL	China IECSC	Europe EINECS	Japan ENCS	Korea ECL
Listed	Listed	Listed	Listed	Listed	Listed	Listed

Malaysia	New Zealand NZIoC	Swiss Giftliste	Philippines PICCS	Taiwan NECI	Canada WHMIS
Listed	Listed	Listed	Listed	Listed	Not listed

International Regulations:

Regulation (EC) No 2037/2000 (Ozone Depleting Substances): Not applicable
 Regulation (EC) No 850/2004 (Persistent Organic Pollutants): Not applicable
 Regulation (EC) No 689/2008 (Export and Import of Dangerous Substances): Not applicable
 Directive 2002/95/EC (RoHS): Not applicable
 Directive 2002/96/EC (WEEE): Not applicable
 Directive 1999/13/EC (VOC): Not applicable
 Restrictions according to TITLE VIII of the Regulation (EC) No 1907/2006 (REACH): None

ADR: European agreement concerning the international transportation of hazardous goods by road

ADN: European agreement concerning the international transportation of hazardous goods by inland waterways

CAS: Chemical Abstracts Service

DSL: Domestic Substances List

EC50: Median effective concentration

ECL: Existing Chemicals List

IATA: International Air Transport Association

IECSC: Inventory of Existing Chemical Substances in China

IBC Code: International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk

IMDG: International Maritime Code for Dangerous Goods

LC50: Lethal concentration, 50%

LOAEL: Lowest observed adverse effect level

MARPOL: International Convention for the Prevention of Marine Pollution from Ships

NECI: National Existing Chemical Inventory

NOAEL: No observed adverse effect level

NZIoC: New Zealand Inventory of Chemicals

PBT: Persistent, Bio-accumulative, and Toxic Substance

PICCS: Philippine Inventory of Chemicals and Chemical Substances

RID: European agreement concerning the international transportation of hazardous good by rail

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

REACH: Registration, Evaluation, Authorization, and Restriction of Chemicals

RoHS: Restriction of Hazardous Substances

TLV®/TWA: Threshold limit value-time weighted average

TLV®/STEL: Threshold limit value-short-time exposure limit

TSCA: Toxic Substances Control Act (USA)

VOC: Volatile Organic Compounds

vPvB: very Persistent and very Bio-accumulative

WEEE: Waste Electrical and Electronic Equipment

Section 16 - Other Information

Prepared By: Stephanie Nichols

Revision Notes: updated Section 16

Product Grades Available from the R. J. Marshall Company (this list may be incomplete):

DGE 200	DGE 800	LXS 370	DGE 330B
DGE 205	DGE 805	LXS374	DGE 390B
DGE 210		LXS 388	LXS206B
DGE 281	LXS 203	LXS 398	LXS212B
DGE 300	LXS 206	LXS 630	LXX 202B
DGE 305	LXS 212		
DGE 307	LXS 219	LXX 202	
DGE 310	LXS 230	LXX 336	
DGE 321	LXS 235	LXX 903	
DGE 330	LXS 240	LXX 904	
DGE 335	LXS 315	LXX 905	
DGE 390	LXS 319	LXX 204SE	
DGE 400	LXS320	LXX 302SE	
DGE 420	LXS 322		
DGE 625	LXS 345		
DGE 725	LXS 355		
DGE 750	LXS 365		

Note: This includes all EXP DGE blends and all DGE SB, DGE F, LXSSB, and GRN special blends.

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