

# Safety Data Sheet

Granatex 200, 250, 350, 400, and 700 Series

MSDS No. 20001.00

Date of Preparation: 7/16/96

Revision: 2/6/15

## Section 1 - Chemical Product and Company Identification

**Product/Chemical Name:** Granatex 200, 250, 350, 400, and 700 Series

**General Use:** Used in solid surface applications

**Manufacturer:** Marshall-Gruber Company, LLC  
A subsidiary of The R. J. Marshall Company  
220 Airport Drive  
Mansfield, TX 76063  
Phone: (682)422-9674, Fax: (682)518-9762

**Emergency Phone:** (800)424-9300

**Date Revised:** 2/6/15

**Preparer:** Stephanie Nichols

## Section 2 - Hazards Identification

**Classification of the chemical in accordance with paragraph (d) of 1910.1200:** Not hazardous.

<b>HMIS</b>
<b>H</b> 1
<b>F</b> 0
<b>R</b> 0
<b>PPE</b> † E
†Sec. 8

**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.

**Hazards not otherwise classified:** None

## Section 3 - Composition/Information on Ingredients

Ingredient Name	CAS Number
Alumina Trihydrate	21645-51-2
Filled polyester	-----

## 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 chemical.

**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 in accordance with 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 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
Alumina Trihydrate as Nuisance Dust	15 mg/m <sup>3</sup> total, 5 mg/m <sup>3</sup> respirable	none estab.	none estab.	none estab.
Filled Polyester	none estab.	none estab.	none estab.	none estab.

## Section 9 - Physical and Chemical Properties

**Appearance:** Dyed amorphous particle.

**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 cause irritation through mechanical abrasion.

**Skin Effects:** Nuisance dust. May cause irritation through mechanical abrasion.

**Acute Inhalation Effects:** Overexposure to dust may cause irritation to 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: 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

**OSHA Regulations:**

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

**TSCA**

This substance or all of its components are on the Chemical Substances Inventory of the Toxic Substance Control Act (TSCA Inventory [USA]). Please note that this product is not subject to any legal reporting requirements under these acts.

## Section 16 - Other Information

**Prepared By:** Stephanie Nichols**Revision Notes:** updated to SDS format**Product Grades Available from the R. J. Marshall Company** (this list may be incomplete):

02752000	02752001	02752003	02752005	02752006	0280500
0280501	0280502	0280503	0280504	0280505	0275354
0275355	0275356	0275357	0275358	0275359	0275360
0275361	0275362	0275363	0275364	0275356	0275366
0275367	0275368	0275369	0275371	0275372	0275373
0275251	0275256	0275257	0275269	0275297	0275299
0275336	0275381	0275391	0275393	0275394	0275395
0275396	0275431	0275437	0275476	0275477	0275484
0275487	0275489	0275490	0275491	0275706	0275710
0275711	0275713	0275714	0275715	0275717	0275719
0275729	0275730	0275734	0275735	0275736	0275738
0275741	0275743	0275744	0275751	0275753	0275754
0275756	0275760	0275761	0275763	0275764	0275765
0275770	0275771	0275773	0275775	0275776	0275777
0275779	0275783	0275785	0275974	0280701	02751000
02751001	02751002	02751003	02751004	02751005	02751006
02751007	02751012	02751015			

**Note:** This includes all special blends.

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