

Re-typed 10/13/00

**MATERIAL SAFETY DATA SHEET
GRANATEX FILLERS**

Page 1 of 3

F41

SECTION I - PRODUCT IDENTIFICATION

PRODUCT NAME & NUMBER: Granatex 350, 351pc and 400 (All Colors)
MANUFACTURER'S NAME: Gruber Systems, Inc.
ADDRESS: 25636 Avenue Stanford, Valencia, CA 91355 USA
EMERGENCY TELEPHONE: (661) 257-4060
TELEPHONE NUMBER FOR INFORMATION: (661) 257-4060
DATE: April 21, 1999

SECTION II - HAZARDOUS INGREDIENTS/IDENTIFY INFORMATION

<u>CODE</u>	<u>CHEMICAL NAME/IDENTITY</u>	<u>CAS NO.</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
A.	Hydrated Alumina $Al_2O_3 \cdot 3H_2O$	1344-28-1	none	10 MB/M ³
B.	Saturated Polyester Resin	N/A	N/A	N/A
C.	Carbon Black	1333-86-4	3.5 MG/M ³	10 MG/M ³
D.	Titanium Dioxide (TiO ₂)	13463-67-7	15 MG/M ³	10 MG/M ³
E.	Iron Oxide (Fe ₂ O ₃)	1309-37-1	N/A	10 MG/M ³
F.	Phthalo Blue Manufacturer's Code I.D.	UCD 4820SF	N/A	N/A
G.	Yellow Oxide Manufacturer's Code I.D.	UCD 5752SF	N/A	N/A
H.	Organic Yellow Manufacturer's Code I.D.	UCD 5696SF	N/A	N/A
I.	Arylide Red Manufacturer's Code I.D.	UCD 7945SF	N/A	N/A
J.	Burnt Umber Manufacturer's Code I.D.	UCD 5861SF	N/A	N/A
K.	Phthalo Green Manufacturer's Code I.D.	UCD 5138SF	N/A	N/A

C, D, E., F, G, H, I, J, K, as supplied, are not hazardous by the definition of Hazard Determination 29 CFR 1910.1200. Any combination as mentioned above is less than 0.5% of finished product.

GRANATEX 350, 351pc & 400

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Page 2 of 3

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT:	N/A
VAPOR PRESSURE:	N/A
VAPOR DENSITY:	N/A
SPECIFIC GRAVITY:	N/A
MELTING POINT:	N/A
EVAPORATION RATE:	N/A
SOLUBILITY IN WATER:	INSOLUBLE
APPEARANCE AND ODOR:	OFF WHITE POWDER WITH MULTI-COLOR GRANULES

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:	N/A
FLAMMABLE LIMITS:	COMBUSTIBLE/ LEL: UNKNOWN / UEL: UNKNOWN
EXTINGUISHING MEDIA:	WATER, DRY CHEMICAL OR OTHER EXTINGUISHING AGENT
SPECIAL FIRE FIGHTING PROCEDURES:	NONE
UNUSUAL FIRE AND EXPLOSION HAZARDS:	MAY BE EXPLOSIVE IF DISPERSED IN AIR AND IN CONTACT WITH FLAME.

SECTION V - REACTIVITY DATA

STABILITY:	STABLE
CONDITIONS TO AVOID:	CONTAMINATION AND OPEN FLAME
INCOMPATIBILITY (MATERIALS TO AVOID):	STRONG OXIDIZING AGENTS.
HAZARDOUS DECOMPOSITION OR BY PRODUCTS:	CO, CO ₂
HAZARDOUS POLYMERIZATION:	WILL NOT OCCUR

SECTION VI - HEALTH HAZARD DATA

ROUTES OF ENTRY:	Inhalation - Yes Skin -
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