

MATERIAL SAFETY DATA SHEET**MSDS #: 538**

Page 1 of 3

Chartpak, Inc.
One River Road
Leeds, MA 01053
Phone: 413-584-5446 or 800-628-1910

Emergency Medical Number: Poison Control 800-222-1222
Emergency Transport Number: Chemtrec 800-424-9300 (CCN4391)
General Inquiry Number: Chartpak 413-584-5446
Date: November 4, 2011

Section One: Product Information

Product Name: Grumbacher Grumtine
Product Sizes: 2.5 oz., 8 oz., 16 oz., 32 oz.
Product Class: Mediums

Section Two: Ingredients

Ingredients	CAS Number	% by Weight	PEL/TLV
D-Limonene	5989-27-5	100% N/A	

Section Three: Hazards Identification

DANGER: COMBUSTIBLE. HARMFUL OR FATAL IF SWALLOWED. EXPOSURE MAY CAUSE ALLERGIC REACTIONS. SKIN IRRITANT.
CONTAINS: D-LIMONENE
KEEP OUT OF REACH OF CHILDREN

Section Four: First Aid Measures

Inhalation: Move to fresh air.
Skin Contact: If skin contact occurs, wash with soap and water for 5 minutes.
Eye Contact: Flush with flowing water immediately. If irritation persists, seek medical care.
Ingestion: If swallowed, do not induce vomiting. Call a physician or poison control center immediately. For further health information, contact a poison control center.

This Material Safety Data Sheet is applicable to the consumer use of the following colors: 5382, 5388, 53816, 53832

MATERIAL SAFETY DATA SHEET**MSDS #: 538**

Page 2 of 3

Section Five: Fire Fighting Measures

Flash Point:	120F PMCC		
Flammability Limits (% by volume):	Lower:	Not explosive	Upper: Not explosive
Extinguishing Media:	Foam, carbon dioxide, or dry chemical		
Special Fire Fighting Measures:	No special fire fighting procedures required		
Unusual Fire and Explosion Hazards:	Combustible		

Section Six: Accidental Release Measures

Wipe up with absorbent material.

Section Seven: Handling and Storage

Handling:	Keep container tightly capped when not in use.
Storage:	Do not store or use near heat or flame. KEEP OUT OF REACH OF CHILDREN.

Section Eight: Exposure Controls and Personal Protection

Respiratory Protection and Special Ventilation Requirements:	None required
Other Protective Equipment (Gloves, Goggles, Etc.):	Impervious protective gloves.
Work/Hygiene Practices: PRECAUTIONS:	Avoid prolonged contact with skin. Wash hands immediately after use. When using, wear impermeable protective gloves. Do not store or use near heat or flame. Keep container tightly capped when not in use. KEEP OUT OF REACH OF CHILDREN.

Section Nine: Physical and Chemical Properties

Boiling Point:	176C	Melting Point:	Not determined
Vapor Pressure:	1.2 mm Hg	Specific Gravity:	0.84
Specific Vapor Density (AIR = 1):	4.7	Evaporation Rate (Butyl Acetate = 1):	Not determined
Solubility in Water:	Insoluble	Reactivity in Water:	Non-reactive
Appearance and Odor:	Pale liquid; citrus odor		

Section Ten: Stability and Reactivity

Stability:	Stable
Conditions to Avoid:	None known
Chemical Incompatibility:	Strong oxidizing materials
Hazardous Decomposition:	None known
Hazardous Polymerization:	Will not occur

MATERIAL SAFETY DATA SHEET**MSDS #: 538**

Page 3 of 3

Section Eleven: Toxicological Information

IARC Monographs: No

National Toxicology Program: No

OSHA Regulated: No

Effects/Symptoms of Acute Exposure: May be harmful if swallowed.

Effects/Symptoms of Chronic Exposure: Skin irritation or allergic reactions.

Medical Conditions Usually Aggravated By Overexposure of This Product: Unknown

Section Twelve: Ecological Information

Not available

Section Thirteen: Disposal Considerations

Dispose in accordance with Federal, State, and Local Regulations

Section Fourteen: Transport Information

DOT: ORM-D IATA: ID 8000 Consumer Commodity, Class 9

IMDG: UN1993, Flammable Liquid, n.o.s. (D-limonene), 120°F PMCC/ 48.8° C, 3, PGIII, LTD QTYS, EmS# F-E, S-E

UN SHIPMENT: UN1993, Flammable Liquid, n.o.s. (D-limonene), 120°F PMCC 3, PGIII, packing instruction 910

Section Fifteen: Regulatory Information

TSCA INVENTORY:

The product on this Material Safety Data Sheet is not listed on the United States Environmental Protection Agency Toxic Substances Control Act Inventory. However, the components of the product are included in the TSCA Inventory.

Section Sixteen: Other Information**HMIS Code**

Health 2

Flammability 2

Reactivity 0

Personal Protection N/A

Chartpak, Inc. is a member of The Art and Creative Materials Institute, Inc. This product is certified by the Institute to be labeled in accordance with the voluntary chronic hazard labeling standard ASTM D-4236 and is labeled with the CL (Cautionary Label) Seal. Products bearing the CL Seal are certified to be properly labeled in a program of toxicological evaluation by a medical expert for any known health risks and with information on the safe and proper use of these materials. Conforms to ASTM D-4236.

0=Minimal / 4 = Severe

May be used to comply with OSHA Hazard Communication Standard 29 CFR 1910.1200. Standard must be consulted for specific requirements.