

01534-9000

SAFETY DATA SHEET**MSDS #: 411**

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 3/30/21

Section One: Product Information

Product Name: Grumbacher Zec
Product Sizes: 150 ml
Product Class: Mediums

Section Two: Ingredients

Ingredients	CAS Number	% by Weight	PEL/TLV
D-Limonene	5989-27-5	20%	N/A
Linseed Oil	8001-26-1	20%	N/A
Turpentine	9005-90-7	10%	100ppm

Section Three: Hazards Identification

WARNING: COMBUSTIBLE. EXPOSURE MAY CAUSE ALLERGIC REACTIONS. SKIN IRRITANT.
CONTAINS: D-LIMONENE, DELTA-3-CARENE
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.
Ingestion: Consult a physician. For further health information, contact a poison control center.

This Material Safety Data Sheet is applicable to the consumer use of the following colors: 411

SAFETY DATA SHEET**MSDS #: 411**

Page 2 of 3

Section Five: Fire Fighting Measures

Flash Point: 250F

Flammability Limits (% by volume): Lower: Not explosive Upper: Not explosive

Extinguishing Media: Foam, carbon dioxide, dry chemical

Special Fire Fighting Measures: No special fire fighting procedures.

Unusual Fire and Explosion Hazards: Combustible

Section Six: Accidental Release Measures

Wipe up with absorbent material.

Section Seven: Handling and Storage

Handling: No special handling requirements.

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: Not determined Melting Point: Not determined

Vapor Pressure: Not determined Specific Gravity: 0.95 - 1.00

Specific Vapor Density (AIR = 1): Heavier than air Evaporation Rate (Butyl Acetate = 1): >1

Solubility in Water: Not determined Reactivity in Water: Non-reactive

Appearance and Odor: Colorless liquid; citrus odor

Section Ten: Stability and Reactivity

Stability: Stable

Conditions to Avoid: None known

Chemical Incompatibility: Strong oxidizing materials

Hazardous Decomposition: Carbon monoxide, carbon dioxide, and various hydrocarbons

Hazardous Polymerization: Will not occur

SAFETY DATA SHEET

MSDS #: 411

Page 3 of 3

Section Eleven: Toxicological Information

IARC Monographs: No
National Toxicology Program: No
OSHA Regulated: No
Effects/Symptoms of Acute Exposure: Skin irritation
Effects/Symptoms of Chronic Exposure: Skin irritation and/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: ID8000, Consumer Commodity, Class 9
IMDG: UN1993, Flammable Liquid, n.o.s. (Turpentine), (140°F TCC / 60 °C), 3, III, LTD. QTY'S., EmS# F-E, S-E
UN SHIPMENT: UN1993, Flammable Liquid, n.o.s. (Turpentine),(140F TCC) 3, III, packing instructions 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 1	
Flammability 2	
Reactivity 0	
Personal Protection	B

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 D4236 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 D4236.

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.