

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
 or (01) 703-527-3887 (CCN4391)

General Inquiry Number: Chartpak 413-584-5446
Date: November 4, 2011

Section One: Product Information

Product Name: Grumbacher Retouch Varnish
 Product Sizes: 2.5 oz.
 Product Class: Mediums

Section Two: Ingredients

Ingredients	CAS Number	% by Weight	PEL/TLV
Turpentine	9005-90-7	70%	100 ppm
Isopropyl Alcohol	67-63-0	10%	400 ppm

Section Three: Hazards Identification

DANGER: FLAMMABLE. HARMFUL OR FATAL IF SWALLOWED. VAPOR HARMFUL. MAY BE HARMFUL IF SWALLOWED. EXPOSURE MAY CAUSE ALLERGIC REACTIONS.
 CONTAINS: DELTA-3-CARENE, OIL OF TURPENTINE.
 KEEP OUT OF REACH OF CHILDREN.

Section Four: First Aid Measures

Inhalation: Move to fresh air.
 Skin Contact: Wash with soap and water.
 Eye Contact: Flush with flowing water.
 Ingestion: If swallowed, do not induce vomiting. Call a physician or poison control center immediately. Get prompt medical attention. For further health information, contact a poison control center.

This Material Safety Data Sheet is applicable to the consumer use of the following colors: 5632

Section Five: Fire Fighting Measures

FlashPoint: 100F

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

Extinguishing Media: Carbon dioxide, dry chemical, alcohol, or foam. Water may be ineffective.

Special Fire Fighting Measures: No special fire fighting procedures required.

Unusual Fire and Explosion Hazards: Flammable liquid; OSHA Class IC

Section Six: Accidental Release Measures

Wipe up with absorbent material.

Section Seven: Handling and Storage

Handling: Use only with adequate ventilation.

Storage: Do not store or use near heat or flame.

Section Eight: Exposure Controls and Personal Protection

Respiratory Protection and Special Ventilation Requirements: Use exhaust fan to assure adequate cross-ventilation.

Other Protective Equipment (Gloves, Goggles, Etc.): Rubber gloves and eye protection recommended.

Work/Hygiene Practices: PRECAUTIONS: Avoid prolonged contact with skin, and ingestion. Wash hands immediately after use. Do not store or use near heat or flame. Keep container tightly capped when not in use. Use only with adequate ventilation.

Section Nine: Physical and Chemical Properties

Boiling Point: 302F Melting Point: Not determined

Vapor Pressure: 4 mm Hg Specific Gravity: 0.90

Specific Vapor Density (AIR = 1): 4.84 Evaporation Rate (Butyl Acetate = 1): Slower

Solubility in Water: Insoluble Reactivity in Water: Non-reactive

Appearance and Odor: Pale liquid; turpentine odor

Section Ten: Stability and Reactivity

Stability: Stable

Conditions to Avoid: Excessive heat

Chemical Incompatibility: Strong acids

Hazardous Decomposition: None known

Hazardous Polymerization: Will not occur

Section Eleven: Toxicological Information

IARC Monographs: No
 National Toxicology Program: No
 OSHA Regulated: No
 Effects/Symptoms of Acute Exposure: Irritation of the eyes or chest. May be harmful or fatal if swallowed.
 Effects/Symptoms of Chronic Exposure: Allergic sensitization, predisposition to pneumonia and chronic nephritis.
 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

ORM-D Consumer Commodity
 Flammable Liquid, n.o.s. (Turpentine), 3, UN1993, III (91°F TCC / 32.7°C), Ltd Qty's, EmS# F-E, S-E
 Consumer Commodity, 9, ID8000, 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	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.