

MATERIAL SAFETY DATA SHEET

00423-1010
-1030

MSDS #: 541-542

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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 Picture and Oil Painting Varnish, Gloss and Matte
Product Sizes: 4.75 oz. and 12.75 oz.
Product Class: Aerosols

Section Two: Ingredients

Ingredients	CAS Number	% by Weight	PEL/TLV
Heptane	142-82-5	40%	400 ppm
Acetone	67-64-1	40%	750 ppm
Liquefied Petroleum Gas	68476-85-7	30%	1000 ppm
Stoddard Solvent	8052-41-3	7%	100 ppm

Section Three: Hazards Identification

DANGER: EXTREMELY FLAMMABLE. VAPOR HARMFUL. EYE IRRITANT.
CONTAINS: ACETONE, N-HEPTANE.
KEEP OUT OF REACH OF CHILDREN.

Section Four: First Aid Measures

Inhalation: If inhalation symptoms occur, move to fresh air.

Skin Contact: Wash with soap and water.

Eye Contact: If eye contact occurs, rinse with tap water for 5-10 minutes. If irritation persists, seek medical care.

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: 541, 542, 641, 642

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Section Five: Fire Fighting Measures

Flash Point:	25F Closed Cup (Heptane)		
Flammability Limits (% by volume):	Lower: 1.05% (Heptane)	Upper: 6.7% (Heptane)	
Extinguishing Media:	Foam, carbon dioxide, dry chemical		
Special Fire Fighting Measures:	Water may be used to cool closed containers to prevent pressure buildup and possible bursting when exposed to high temperatures. Firemen should wear self-contained respiratory equipment.		
Unusual Fire and Explosion Hazards:	Extremely flammable. Contents under pressure. Containers may burst at temperatures above 130F.		

Section Six: Accidental Release Measures

Remove all ignition sources. Evacuate area. Contain liquid; transfer to closed containers. Keep out of water entries.

Section Seven: Handling and Storage

Handling:	Use only with adequate ventilation.
Storage:	Do not store above 120F. KEEP OUT OF REACH OF CHILDREN.

Section Eight: Exposure Controls and Personal Protection

Respiratory Protection and Special Ventilation Requirements:	NIOSH or Bureau of Mines approved organic vapor-type respirator is required in absence of proper environmental control.
Other Protective Equipment (Gloves, Goggles, Etc.):	Impervious gloves and safety glasses recommended.
Work/Hygiene Practices:	PRECAUTIONS: Do not smoke when using, or store or use near heat or flame. Keep away from eyes. Avoid contact with heat, sparks, and open flame. Vapors can ignite explosively. If using indoors, turn off all pilot lights. Use only with adequate ventilation.

Section Nine: Physical and Chemical Properties

Boiling Point:	209F (Heptane)	Melting Point:	-131F (Heptane)
Vapor Pressure:	40 mm Hg at 72F	Specific Gravity:	0.684 (Heptane)
Specific Vapor Density (AIR = 1):	Heavier than air	Evaporation Rate (Butyl Acetate = 1):	>1
Solubility in Water:	Miscible	Reactivity in Water:	Non-reactive
Appearance and Odor:	Colorless liquid; characteristic odor		

Section Ten: Stability and Reactivity

Stability:	Stable
Conditions to Avoid:	Ignition sources or excessive heat
Chemical Incompatibility:	Nitric plus acetic acids, nitric plus sulfuric acid, amines, strong oxidizing agents
Hazardous Decomposition:	Carbon monoxide, carbon dioxide
Hazardous Polymerization:	Will not occur

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Section Eleven: Toxicological Information	
IARC Monographs:	No
National Toxicology Program:	No
OSHA Regulated:	No
Effects/Symptoms of Acute Exposure:	If cross-ventilation is not adequate, eye watering, headache, nausea, dizziness, and loss of coordination may occur. Deliberate inhalation may be harmful or fatal.
Effects/Symptoms of Chronic Exposure:	Repeated and prolonged overexposure may lead to permanent brain damage and nervous system damage.
Medical Conditions Usually Aggravated By Overexposure of This Product:	Unknown

Section Twelve: Ecological Information	
Not available	

Section Thirteen: Disposal Considerations	
Do not incinerate closed or empty containers. Dispose in accordance with Federal, State, and Local Regulations.	

Section Fourteen: Transport Information	
DOT: ORM-D IATA: ID8000 Consumer Commodity, Class 9 IMDG: UN1950, Aerosols, flammable, Class 2.1, LTD. QTYs., EmS# F-D, S-U UN SHIPMENT: UN1950, Aerosols, flammable, Class 2.1, 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	
<p style="text-align: center;">HMIS Code</p> <p>Health 2</p> <p>Flammability 4</p> <p>Reactivity 0</p> <p>Personal Protection I</p>	<p>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</p>

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.