

02028-1105

**MATERIAL SAFETY DATA SHEET**

**MSDS #: 529**

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 Acrylic Retarder  
Product Sizes: 150 ml  
Product Class: Mediums

**Section Two: Ingredients**

Ingredients	CAS Number	% by Weight	PEL/TLV
Ammonia	7664-41-7	<1.0% 50	ppm

**Section Three: Hazards Identification**

This product is considered safe under normal use conditions.

**Section Four: First Aid Measures**

Inhalation: None under normal use conditions.  
Skin Contact: None under normal use conditions.  
Eye Contact: None under normal use conditions.  
Ingestion: None under normal use conditions.

This Material Safety Data Sheet is applicable to the consumer use of the following colors: 529

**MATERIAL SAFETY DATA SHEET****MSDS #: 529**

Page 2 of 3

**Section Five: Fire Fighting Measures**

Flash Point: Not flammable

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

Extinguishing Media: As appropriate for surrounding area.

Special Fire Fighting Measures: No special fire fighting procedures required

Unusual Fire and Explosion Hazards: None

**Section Six: Accidental Release Measures**

Mop with absorbent material. Wash down with soap and water.

**Section Seven: Handling and Storage**

Handling: No special handling requirements.

Storage: Keep in cool, dry place.

**Section Eight: Exposure Controls and Personal Protection**

Respiratory Protection and Special Ventilation Requirements: None required

Other Protective Equipment (Gloves, Goggles, Etc.): Wear apron or smock as needed.

Work/Hygiene Practices: Normal studio hygiene. Wash hands after use.

**Section Nine: Physical and Chemical Properties**

Boiling Point: Not determined Melting Point: Not determined

Vapor Pressure: Not determined Specific Gravity: 0.98 - 1.03

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

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

Appearance and Odor: Clear viscous liquid; slight ammonia odor

**Section Ten: Stability and Reactivity**

Stability: Stable

Conditions to Avoid: None known

Chemical Incompatibility: None known

Hazardous Decomposition: Carbon dioxide and carbon monoxide

Hazardous Polymerization: Will not occur

## MATERIAL SAFETY DATA SHEET

MSDS #: 529

Page 3 of 3

**Section Eleven: Toxicological Information**

IARC Monographs: No  
 National Toxicology Program: No  
 OSHA Regulated: No  
 Effects/Symptoms of Acute Exposure: None expected  
 Effects/Symptoms of Chronic Exposure: None expected  
 Medical Conditions Usually Aggravated By Overexposure of This Product: None known

**Section Twelve: Ecological Information**

Not available

**Section Thirteen: Disposal Considerations**

Dispose in accordance with Federal, State, and Local Regulations

**Section Fourteen: Transport Information**

Not regulated as a hazardous material by DOT, IMO, or IATA.

**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 0  
 Flammability 0  
 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 AP Nontoxic Seal. Products bearing the AP Approved Product Seal of The Art and Creative Materials Institute, Inc. are certified in a program of toxicological evaluation by a medical expert, subject to review by the Institute Toxicological Advisory Board, to contain no materials in sufficient quantities to be toxic or injurious to humans, or to cause acute or chronic health problems.

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.

