



MATERIAL SAFETY DATA SHEET

SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT: Gagekote 5 Part A

November 29, 2005

Vishay Micro-Measurements
Post Office Box 27777
Raleigh, NC 27611

MSDS # MGM086A

919-365-3800

CHEMTREC 1-800-424-9300 (U.S.)
703-527-3887 (Outside U.S.)

NOTE: CHEMTREC numbers to be used only in the event of chemical emergencies involving a spill, leak, fire, exposure or accident involving chemicals.

SECTION 2: HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

CAS NUMBER	CHEMICAL IDENTITY	%
90-72-2	2,4,6 Tri (dimethylaminomethyl) Phenol	100

SECTION 3: HEALTH HAZARD DATA

Routes of Entry:

Inhalation: Yes **Skin:** Yes **Ingestion:** Accidental

Health Hazards (Acute and Chronic): Product is considered a severe eye and skin irritant.

Carcinogenicity: NTP: Not listed
 IARC Monographs: Not listed
 OSHA Regulated: Not listed

Signs and Symptoms of Exposure:

INHALATION: Due to very low vapor pressure this product is not normally considered an inhalation hazard. If product is heated or sprayed, it may cause irritation to the nose, throat and upper respiratory tract.

EYE CONTACT: May cause moderate to severe irritation. If allowed to remain in the eye it could cause permanent irreversible eye injury.

SKIN CONTACT: Irritation is possible but unlikely. Continued or prolonged usage may cause irritation.

INGESTION: None listed.

Conditions Generally Aggravated by Exposure: None listed.

SECTION 4: EMERGENCY AND FIRST AID PROCEDURES

INHALATION: Move to fresh air. Aid in breathing if necessary.

EYE CONTACT: Immediately rinse eyes with running water for at least 15-30 minutes. Get immediate medical attention.

SKIN CONTACT: Remove contaminated clothing. Launder clothing before re-use. Wash skin promptly with soap and water. Get medical attention.

INGESTION: Drink 1-2 glasses of water or milk. Do NOT induce vomiting. Never give anything by mouth to an unconscious person.

SECTION 5: FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): >200°F (93.3°C) Setaflash Closed Cup

Flammable limits: LEL: Unknown UEL: Unknown

Extinguishing Media: Water, foam, dry chemical, carbon dioxide.

Special Firefighting Procedures: Full emergency equipment with self-contained breathing apparatus and full protective clothing (turnout gear) should be worn by firefighters.

Unusual Fire and Explosion Hazards: Burning of this material will result in the release of toxic fumes.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Steps to be taken if material is released or spilled: Evacuate non-essential personnel. Remove all sources of ignition and ventilate the area. Dike or impound spilled material and control further spillage if feasible. Absorb on inert carrier. Sweep, scrape or vacuum up. Shovel into secure containers for proper disposal.

SECTION 7: EXPOSURE CONTROLS -- PERSONAL PROTECTION

Respiratory Protection: In some situations, a respirator may be necessary in addition to ventilation. The use of a NIOSH-certified or MSHA approved respirator for organic vapors is recommended when the level of vapors exceed the TLV or when the level is unknown.

Ventilation: General mechanical exhaust and local ventilation, or isolation may be needed to keep airborne concentrations or regulatory hazards within acceptable levels. Effective engineering controls should be used whenever possible to eliminate or reduce worker exposure to all respiratory hazards. This product has a strong odor, and although the vapors are not considered toxic, local exhaust is recommended for worker comfort.

Protective Gloves: Wear impervious gloves, neoprene, polyvinyl chloride or nitrile gloves are recommended for most normal handling.

Eye Protection: Safety glasses, splash goggles or faceshield. Contact lenses should not be worn.

Other Protective Clothing or Equipment: Safety showers and eyewash stations should be available.

Work / Hygienic Practices: Observe good hygiene practices. Wash hands after using and before eating, drinking or smoking.

SECTION 8: HANDLING AND STORAGE

Precautions to be taken in handling and storing: Store away from sources of direct heat in a dry area.

Other Precautions: None listed.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point:	NA
Vapor Pressure (mmHg):	NA
Vapor Density (Air = 1):	NA
Specific Gravity (H₂O = 1):	1.2
Melting Point:	NA
Evaporation Rate (BuAc = 1):	Unknown
Volatile Organic Compounds:	Unknown
Solubility in Water:	Slightly soluble

Appearance and Odor: Red liquid, moderate viscosity, mercaptan odor.

SECTION 10: STABILITY AND REACTIVITY DATA

Stability: Stable.

Conditions to Avoid: Direct heat.

Incompatibility (Materials to Avoid): Strong oxidizing and/or reducing agent.

Hazardous Decomposition or By-products: Oxides of sulfur, carbon and nitrogen under burning conditions.

Hazardous Polymerization: Will not occur.

SECTION 11: TOXICOLOGICAL INFORMATION
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2,4,6 Tri (dimethylaminomethyl) phenol

OSHA PEL:	Not established
ACGIH TLV:	Not established
OTHER:	Not established

SECTION 12: DISPOSAL CONSIDERATIONS
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Waste Disposal Method: Dispose of in accordance with local, state, and federal environmental regulations.

SECTION 13: TRANSPORTATION INFORMATION

SHIPPING NAME	CLASS	PACKING GROUP	UN NUMBER
Chemical Kit*	9	II	3316

*When shipped as a kit containing Gagekote 5 Parts A & B.

SECTION 14: REGULATORY INFORMATION

SECTION 313 SUPPLIER NOTIFICATION:

This product contains a toxic chemical or chemicals (as listed below) subject to the reporting requirements of Section 313 Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR Part 372.

CAS NUMBER	CHEMICAL NAME	% BY WEIGHT
NONE		

TSCA NOTIFICATION:

All components of this product are listed in the Toxic Substance Control Act Chemical Substance Inventory (TSCA).

SECTION 15: OTHER INFORMATION

To the best of our knowledge, the information provided above meets the requirements of the United States Occupational Safety and Health Act and regulations established under 29 CFR 1910.1200 (g)(2)(c)(1)-(4) for a mixture of hazardous chemicals which has not been tested as a whole. The data provided on this Material Safety Data Sheet is from manufacturers of the original components. Vishay Micro-Measurements specifically disclaims any and all form of liability and/or responsibility for the application of this product.