

Material Safety Data Sheet

Material

2212 Hardener

Date Prepared 8/2006

Emergency Telephone	Day: 800-878-9593
	Night: 508-280-5594

HAZARDOUS INGREDIENTS	CAS NUMBER	OSHA PEL	ACGIH TLV	Other
Mercapton Polymer Trade secret of henkel Corporation		not established	not established	
2,4,6 tri(dimethylaminom-ethyl) phenol	90-72-2	not established	not established	
Non-Hazardous Ingredients				

Health Hazard Data

Routes Of Entry
 Skin contact, Inhalation

Health Hazards
Skin: abrasions; *Eyes:* Eye Irritation
Ingestion: No known effects, however ingestion not recommended
Inhalation: Respiratory Irritation of nasal and respiratory tract

Signs and Symptoms of Exposure
Skin: Reddening, Swelling, Rash, Blistering, Scaling
Ingestion: Dizziness, Weakness
Inhalation: Burning in nose & throat, Chest pains
Eyes: Pain, tearing, Reddening, Swelling

Medical Conditions Aggravated By Exposure
 Chronic respiratory disease may be aggravated by exposure to nuisance dust.

Emergency and First Aid Procedures
Skin: Thoroughly wash exposed area with soap and water.
Ingestion: Obtain first aid or medical assistance, if needed.
Inhalation: Remove to fresh air, if breathing is difficult administer oxygen, obtain medical assistance, if needed
Eyes: Flush with large amounts of water. Obtain medical assistance if needed.

Physical/Chemical Characteristics

Boiling Point	NA	Melting Point	NA
Vapor Pressure	NA	Evaporation Rate	NA
Vapor Density	NA	Specific Gravity	1.5 @ 25
Appearance & Odor	Black, Viscous Paste, Sweet odor		
Solubility in Water	insoluble		

Precautions For Safe Handling and use

Flash Point
 >257°C(closed cup)

Flammable Limits
 LEL: not available UEL: not available

Extinguishing Media
 Dry Chemical, Carbon Dioxide, foam, water spray

Special Fire Fighting Procedures
 Full emergency equipment with self-contained breathing apparatus and full protective clothing should be worn by firefighters. No skin should be exposed

Unusual Fire and Explosion Hazards
 Decomposition and combustion products may be toxic.

Reactivity Data

Stability
 Stable

Stability Conditions To avoid
 Not Applicable

Incompatibility (materials to avoid)
 Strong oxidizers, acids and bases.

Hazardous Decomposition Products
 Carbon Monoxide & Irritating Toxic Fumes

Hazardous Polymerization
 Will not occur.

Precautions For Safe Handling and use

Spillage
 Sweep or vacuum up material for disposal or recovery.

Waste Disposal
 Dispose of in accordance with local, state and federal regulations. Material contaminated in use may require special disposal requirements.

Precautions For Handling and Storage
 Store in tightly closed containers in cool dry place. Avoid high temperatures and ignition sources

Hygiene Practices
 Do not eat, drink, smoke when using. Remove contaminated cloths and wash before reuse. Wash hands and exposed skin with soap and water.

Control Measures

Respiratory Protection
 If needed use a NIOSH/MSHA approved dust respirator, cartridge, or mask.

Ventilation
 Provide sufficient mechanical (General and/or Local Exhaust) ventilation to maintain dust exposure below threshold limit value (TLV)

Other Protective Measures
 Provide all workers with permeation resistant gloves (butyl rubber), safety glasses. Cover as much skin as possible.