

MATERIAL SAFETY DATA SHEET

SECTION I: IDENTIFICATION

Manufacturer: Sewerkote LLC
607 Ellis Rd, Bldg 54-B-8
Durham, NC 27703
Emergency Phone: (800) 535-5053
Information Phone: (919) 598-1974

Revision Date: Aug 31, 2007 By: _____

PRODUCT NAME: DURAMER™ 1050

SECTION II: INGREDIENT INFORMATION

Proprietary Mixture

SECTION III: SAFE HANDLING PROCEDURES

Precautions To Be Taken In Handling And Storage: Warning: Combustible liquid and vapor. Protect against physical damage. Store in a cool, dry, well-ventilated location, away from areas where the fire hazard may be acute. Outside or detached storage is preferred. Separate from incompatibles. Containers should be bonded and grounded for transfers to avoid static sparks. Storage and use areas should be Non Smoking areas. Use non-sparking type tools and equipment, including explosion proof ventilation. Containers of this material may be hazardous when empty since they retain product residues (vapors, liquid). Do not weld, cut with a torch, or incinerate containers. Remove all ignition sources prior to using. Do not smoke while using this product. KEEP OUT OF REACH OF CHILDREN. Ventilate work area. Vapor harmful if inhaled. Avoid breathing vapors above TLV of 100 ppm. Harmful or fatal if swallowed. Do not take internally. Avoid food contamination. Observe all warnings and precautions listed for the product.

SECTION IV: CONTROL MEASURES

Ventilation: Adequate ventilation to keep vapor concentration below TLV of 100 ppm. General mechanical ventilation is sufficient for most conditions. Local exhaust ventilation may be necessary.

Respiratory: If vapor concentration exceeds 100 ppm, use approved cartridge or air-supplied respirator.

Eyes: Use chemical safety glasses, splash-proof eye goggles, or goggles with full face shield.

Clothing/Gloves: Use impermeable, acetone resistant gloves and other splash-prevention clothing, including boots.

SECTION V: HAZARDOUS COMPONENTS

<u>COMPONENT</u>	<u>CAS NO.</u>	<u>OSHA PEL</u>	<u>SARA III, SECT 313</u>	<u>OSHA HAZARD</u>
Acetone (1-5%)	67-64-1	1,000 ppm	Listed	Extremely Flammable

The remaining ingredients compromise proprietary information. None are listed in SARA III, Section 313. The hazards associated with using them are included in this MSDS.

SECTION VI: FIRE, EXPLOSION, AND REACTIVITY DATA

Flash Point: >100°F Method: Indirect

Explosive(lower and upper) Limits (Air): LEL: 2.5% (estimated) UEL: 13.0% (estimated)

Extinguishing Media: dry chemical, CO₂, alcohol foam

Special Fire Fighting Procedures: Do not expose to temperatures above 130°F or the container may rupture. Water spray may be used to cool containers. The use of self-contained breathing apparatus is recommended for firefighters.

Hazardous Decomposition Products: carbon monoxide, carbon dioxide, oxides of nitrogen

Conditions To Avoid: open flame, welding arcs, heat, sparks

Incompatibility: oxidizing or reducing agents, ammonium salts

Hazardous Self-Polymerization: Will not occur.

SECTION VII: HEALTH HAZARD DATA

Primary Routes of Exposure: Inhalation, Eyes

Effects Of Overexposure

- **Target Organs:** Eyes, skin, respiratory, central nervous systems
- **Eyes:** may cause irritation, redness, tearing
- **Skin:** possible mild irritation, defatting of the skin
- **Inhalation:** excessive inhalation of vapors can be harmful and may cause dizziness, headache, asphyxia, anesthetic effects and possible unconsciousness or other central nervous system effects
- **Ingestion:** possible serious chemical pneumonitis if aspirated into lungs. Nausea.
- **Signs and Symptoms:** dizziness, headache, irritation, intoxication, unconsciousness
- **Chronic:** effects due to excessive exposure to the raw materials of this mixture may cause kidney damage, liver abnormalities, brain damage
- **Medical Conditions Generally Aggravated By Exposure:** may aggravate existing eye, skin, or upper respiratory conditions

Toxicology: contains no carcinogens as determined by the standard

Emergency and First-Aid Procedures

- **Eyes:** flush with water for 15 minutes, opening eyelids periodically and consult a physician
- **Skin:** wash exposed area with soap and water and seek medical condition if irritated
- **Inhalation:** remove to fresh air if affects occur and consult a physician
- **Ingestion:** DO NOT INDUCE VOMITING. Consult a physician immediately. If vomiting occurs, keep head below hips to prevent aspiration into lungs. Never give anything by mouth to an unconscious person.

SECTION VIII: CONTROL PROCEDURES – SPILL, LEAKAGE OR DISPOSAL

Steps to Be Taken in Case Material is Released or Spilled: Remove or extinguish all sources of sparks and/or flame. Dike and collect or absorb with suitable (non-combustible) medium. Incinerate or landfill according to local, state, and federal regulations.

Waste Disposal Methods: Dispose of according to all local, state, and federal regulations.

SECTION IX: PHYSICAL DATA

Appearance and Odor: Opaque, pasty liquid, mild floral odor

Specific Gravity: 0.8

Vapor Pressure: Maximum 400 mm Hg @ 104°F

Solubility in Water: Partially miscible

Water Reactive: No

SECTION X: TRANSPORTION DATA

Proper Shipping Name: Not Regulated

Identification Number: N/A

Hazard Class: N/A

Packing Group: N/A

SECTION XI: DISCLAIMER

The information presented here is believed to be accurate, but is not warranted to be whether originating with the company or not. Recipients are advised to confirm in advance of need, that the information is current, applicable, and suitable to their circumstances. Duramer AC-1050 MSDS p. 2.