

**MATERIAL SAFETY DATA SHEET**

**PRODUCT NAME: PIPE-KOTE COLD PIPE INSULATION (PKA)**

<b>EMERGENCY PHONE: 1-800-424-9300</b>				<b>VII - PRECAUTIONS FOR SAFE HANDLING AND USE</b>			
<p>May be used to comply with OSHA'S Hazard Communications Standard (HSC) 29 CFR 1910, 1200. Standard must be consulted for specific requirements. This product contains no substances subject to SARA TITLE III and 40 CRF.</p>				<p><b>STEPS TO BE TAKEN IN CASE CONTAINER IS PUNCTURED AND MATERIAL IS RELEASED:</b> Allow propellant to evaporate. Maintain local exhaust and adequate ventilation. No smoking. Keep sparks, heat sources and open flames far away from spill or leak. Cover with absorbent material and sweep up. Wash area to prevent slipping. Dispose of soaked absorbent material in accordance with Federal, State, and Local laws.</p> <p><b>WASTE DISPOSAL METHOD:</b> Aerosol cans, when emptied and depressurized through normal use, pose no disposal hazard and should be recycled. Consult federal, state, and local authorities for approved procedures.</p>			
<p><b>HMIS SYMBOLS</b></p> <p><b>HEALTH 2</b> <b>FLAMMABILITY 3</b> <b>REACTIVITY 0</b></p>							
<b>I - IDENTIFICATION</b>				<b>VIII - SPECIAL PROTECTION INFORMATION</b>			
PRODUCT NAME: (PKA) PIPE-KOTE COLD PIPE INSULATION		PACKAGE TYPE: Aerosol		<b>RESPIRATORY:</b> None needed for proper use in accordance with label directions.			
PREPARED DEPARTMENT OF HAZARDOUS COMMUNICATIONS		DATE PREPARED: February 2006		<b>EYE:</b> None needed unless it is anticipated that a splash or spray back will occur, then wear safety glasses or chemical proof goggles.			
<b>II - HAZARDOUS INGREDIENTS</b>				<b>SKIN:</b> None needed for proper use in accordance with label directions. Use chemical resistant gloves if hand contact will be made.			
PRINCIPLE HAZARDOUS COMPONENT(S) (CHEMICAL NAMES)	CAS NO	ACGIH TLV	OSHA PEL	% or RANGE	<b>PROTECTIVE GLOVES:</b> Neoprene, Nitrile Rubber or polyvinyl recommended.		
1,1,1 - Trichloroethane	71-55-6	350 ppm	350 ppm	20-25%	<b>OTHER:</b> Do not eat, drink, or smoke in work area. Wash hands before eating.		
Steric Acid	57-11-4	N/E	N/E	05-10%			
Liquefied Petroleum Gas	68476-85-7	1000 ppm	1000 ppm	40-60%			
<b>III - PHYSICAL DATA</b>				<b>VENTILATION REQUIREMENTS:</b> Provide sufficient mechanical (general) and/or local exhaust ventilation to maintain exposure below TLV(S).			
BOILING POINT ( °F): N/D		SPECIFIC GRAVITY (H <sub>2</sub> O=1) : @ 75°F of Concentrate 1.208		<b>IX - SPECIAL PRECAUTIONS</b>			
VAPOR PRESSURE (mm Hg) : 50		MELTING POINT:		<b>PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:</b> Do not store at temperatures above 120°F. Store in a cool dry place away from open flame or heat.			
VAPOR DENSITY (Air = 1) : > 1		EVAPORATION RATE (H <sub>2</sub> O = 1) :		<b>SPECIAL PRECAUTIONARY STATEMENTS:</b> Please read and follow the directions on the label. They are your best guide to using this product in the most effective way, and they also give the necessary safety precautions to protect your health. <b>Keep this and all chemicals out of reach of children.</b>			
pH : NA		APPEARANCE AND ODOR : Clear liquid, mild sweet odor		<b>NOTICE:</b> We believe that the information contained on this material safety data sheet is accurate. The suggested procedures are based on experience as of the date of publication. They are not necessarily nor fully adequate in every circumstance. Also, the suggestions should not be confused with nor followed in violation of applicable laws, regulations, rules or insurance requirements. No warranty, expressed or implied, of merchantability fitness or otherwise is made.			
SOLUBILITY IN WATER : Slight							
<b>IV - FIRE AND EXPLOSION HAZARD DATA</b>							
FLAMMABILITY as per CPSC FLAME EXTENTION TEST: Extremely Flammable							
SPECIAL FIRE FIGHTING PROCEDURES: Wear self-contained breathing apparatus and protective clothing. Cool fire exposed containers to prevent rupturing							
UNUSUAL FIRE AND EXPLOSION HAZARDS: At elevated temperatures (above 120°F) containers may vent, rupture, or burst.							
<b>V - REACTIVITY DATA</b>				<b>X - REGULATORY INFORMATION AND REFERENCES</b>			
CHEMICAL STABILITY	UNSTABLE	STABLE	CONDITIONS TO AVOID: Do not exposed to temperatures above 120°F				
INCOMPATIBILITY (Materials to avoid): Strong oxidizing agents, strong acids and bases, and selected amines			SARA Title III Reporting Requirements				
HAZARDOUS DECOMPOSITION PRODUCTS: Hydrogen, Chloride, Phosgene.			302 (Extremely Hazardous Substances): <b>Reporting not required.</b>				
HAZARDOUS POLYMERIZATION	MAY OCCUR	WILL NOT OCCUR	304/CERCLA (Spills Notification): <b>Not required.</b>				
Aerosol products present a limited hazard during storage or use if label precautions are followed. Intentional misuse by deliberately concentrating and inhaling the contents can be harmful, or fatal. Pressurized containers must not be exposed to temperatures above 1200F and spray should not be directed towards face or eyes, open flame or other source of ignition.			311 Community Right-To-Know, (RTK): <b>Reporting not required.</b>				
<b>VI - HEALTH HAZARD AREA</b>			312 (RTK Inventory Data): <b>Not required.</b>				
ROUTE(S) OF ENTRY:	EYES Yes	SKIN Primary	INGESTION Yes	313 (Emissions and Releases): <b>Reporting not required.</b>			
EFFECTS OF OVER EXPOSURE:			DOT NOT HAZARDOUS				
INHALATION: Inhalation of mist can cause irritation of nasal passages. Abusive or excessive inhalation may cause irritation to the upper respiratory tract, dizziness, nausea, other central nervous system effects.			References				
SKIN CONTACT/ABSORPTION: Frequent or prolonged contact may cause irritation.			TOXIC SUBSTANCE CONTROL CT LIST (TSCA) - INGREDIENTS LISTED				
INGESTION: Can cause gastrointestinal irritation, nausea, vomiting, and diarrhea. Aspiration of material into lungs can cause chemical pneumonitis.			PERMISSIBLE EXPOSURE REFERENCES:				
EYES: May cause slight irritation, but does not injure eye tissue.			Registry of Toxic Effects of Chemical Substances.				
CARCINOGENICITY: No	NTP? No	IARC MONOGRAPHS? No	OSHA REGULATED? Yes	Title 29 Code of Federal Regulations.			
<b>EMERGENCY AND FIRST AID PROCEDURES:</b>			National Toxicology Program (NTP) Report on Carcinogens.				
EYES AND SKIN: EYES - Flush with water for at least 15 minutes while lifting upper and lower lids. GET MEDICAL ATTENTION. SKIN - Wash exposed areas with soap and water. If irritation persists get medical attention.			International Agency for Research on Cancer (IARC) Monographs.				
INHALATION: Remove to fresh air. SEEK IMMEDIATE MEDICAL ATTENTION.			Title 40 Code of Federal Regulations				
INGESTION: Do NOT induce vomiting. GET IMMEDIATE MEDICAL ATTENTION.			REGULATORY STANDARDS:				
			DOT Title 49 Code of Federal Regulations 172.101				
			SARA Title III				
			Nuclear Regulatory Commission				