

# MATERIAL SAFETY DATA SHEET

Kingsley Mfg. Co.  
1984 Placentia Avenue  
Costa Mesa, CA 92628-5010

KMC: Barge All Purpose Cement  
Revision #1: 11/5/04

Transportation Emergency:  
NON-TRANSPORTATION EMERGENCY

CHEMTREC 1-800-434-9300  
KINGSLEY MFG. CO. 1-800-854-3479

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## General Information

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Item Name: ADHESIVE  
Company's Name: PIERCE AND STEVENS CHEMICAL CORP.  
Company's Street: 710 OHIO ST  
Company's City: BUFFALO  
Company's State: NY  
Company's Country: US  
Company's Zip Code: 14203-3112  
Company's Emerg Phone: 718-856-4910  
Company's Info Ph #: 718-856-4910  
Distributor/Vendor # 1: FRANKFORD LEATHER CO  
Hazard Characteristic Code: F3  
Unit Of Issue Container Qty: 1 GALLON  
Net Unit Weight: 7.6 LBS

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## Ingredients/Identity Information

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Proprietary: NO  
Ingredient: TOLUENE (SARA III)  
NIOSH (RTECS) Number: XS5250000 CAS Number: 108-88-3 OSHA PEL: 200 PPM/150  
STEL/ACGIH TLV: 50 PPM; 9293

Proprietary: NO  
Ingredient: ETHYL ACETATE (SARA III) NIOSH (RTECS) Number: AH5425000  
CAS Number: 141-78-6  
OSHA PEL: 400 PPM ACGIH TLV: 400 PPM; 9192

Proprietary: NO  
Ingredient: NAPHTHA (PETROLEUM SPIRITS OR BENZIN)  
NIOSH (RTECS) Number: SE7555000  
CAS Number: 8030-30-6  
OSHA PEL: 100 PPM ACGIH TLV: NOT ESTABLISHED

Proprietary: NO  
Ingredient: SILICA, CRYSTALLINE - QUARTZ  
NIOSH (RTECS) Number: VV7330000  
CAS Number: 14808-60-7  
OSHA PEL: SEE TABLE Z3 ACGIH TLV: 0.1 MG/M3 RDUST;9293

Physical/Chemical Characteristics

Appearance And Odor: LIQUID.  
Boiling Point: 168-475F  
Vapor Density (Air=1): > 1  
Specific Gravity: 0.91

Fire and Explosion Hazard Data

Flash Point: 25F/-3.8C  
Flash Point Method: SCC  
Extinguishing Media: USE CLASS B EXTINGUISHERS: CARBON DIOXIDE, ALCOHOL FOAM. POLYMER FOAM IS PREFERRED FOR LARGE FIRES.  
Special Fire Fighting Procedure: FIREFIGHTERS SHOULD WEAR SELF-CONTAINED BREATHING APPARATUS. WATER MAY BE INEFFECTIVE BUT MAY BE USED TO COOL EXPOSED CONTAINERS TO PREVENT PRESSURE BUILDUP.  
Unusual Fire And Explosion Hazards: DURING EMERGENCY CONDITIONS, OVEREXPOSURE TO DECOMPOSITION PRODUCTS MAY CAUSE A HEALTH HAZARD. SYMPTOMS MAY NOT BE APPARENT. OBTAIN MEDICAL ATTENTION.

Reactivity Data

Stability: YES  
Conditions To Avoid (Stability): AVOID EXCESSIVE HEAT AND SOURCES OF IGNITION.  
Materials To Avoid: STRONG ACIDS OR ALKALINE MATERIALS.  
Hazardous Decomposition Products: SMOKE, CARBON MONOXIDE AND CARBON DIOXIDE; IN ADDITION, HYDROGEN CHLORIDE, CHLORINE MAY BE GENERATED.  
Hazardous Polymerization Occur: NO  
Conditions To Avoid (Poly): NOT APPLICABLE

Health Hazard Data

Route Of Entry - Inhalation: YES  
Route Of Entry - Skin: YES  
Route Of Entry - Ingestion: NO  
Health Hazards Acute And Chronic: REPEATED EXPOSURE TO CRYSTALLINE SILICA MAY CAUSE PNEUMOCONIOSIS, A PROGRESSIVELY DISABLING LUNG DISEASE. REPEATED OVEREXPOSURE TO TOLUENE MAY CAUSE LIVER DAMAGE.  
Carcinogenicity - NTP: NO  
Carcinogenicity - IARC: YES  
Carcinogenicity - OSHA: NO  
Explanation Carcinogenicity: LISTED BY IARC AS "PROBABLY CARCINOGENIC TO HUMANS WITH LIMITED EVIDENCE"  
Signs/Symptoms Of Overexposure: NOSE OR THROAT IRRITATION, CENTRAL NERVOUS SYSTEM DEPRESSION, HEADACHE, DIZZINESS, NAUSEA, VOMITING. ASPIRATION MATERIAL INTO LUNG MAY CAUSE CHEMICAL PNEUMONITIS WHICH MAY BE FATAL.  
Med Cond Aggravated By Exp: PREEXISTING RESPIRATORY CONDITIONS MAY BE AGGRAVATED BY EXPOSURE TO CRYSTALLINE SILICA.  
Emergency/First Aid Proc: INHALATION: REMOVE TO FRESH AIR. RESUSCITATE IF NOT BREATHING. GET MEDICAL ATTENTION. EYES: IMMEDIATELY FLUSH WITH PLENTY OF REMOVE CONTAMINATED CLOTHING. WASH WITH SOAP AND WATER. IF IRRITATION PERSISTS, GET MEDICAL ADVICE. INGESTION: DO NOT INDUCE VOMITING. GIVE NOTHING BY MOUTH IF UNCONSCIOUS. GET IMMEDIATE MEDICAL ATTENTION.

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Precautions for Safe Handling and Use

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Steps If Material Released/Spill: SMALL SPILL: WIPE/SOAK UP WITH PAPER TOWEL OR INERT ABSORBANT. PUT IN DISPOSAL CONTAINER. REMOVE RESIDUE WITH WATER. LARGE SPILL: EVACUATE AND VENTILATE AREA. IF POSSIBLE, STOP LEAK. DIKE TO RETAIN RUN OFF. VACUUM UP FREE LIQUID. ABSORB/WASH RESIDUE.

Neutralizing Agent: NOT APPLICABLE.

Waste Disposal Method: DISPOSAL SHOULD BE MADE IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS.

Precautions-Handling/Storing: DO NOT STORE ABOVE 95 DEGREES F. STORE LARGE QUANTITIES IN COMPLIANCE WITH OSHA 29CFR1910.106.

Other Precautions: DO NOT TAKE INTERNALLY. DO NOT BREATHE MIST. AVOID PROLONGED OR REPEATED BREATHING OF VAPOR. EMPTY CONTAINERS MUST NOT BE WASHED AND REUSED FOR ANY PURPOSE. CONTAINERS SHOULD BE GROUNDED AND BONDED. DO NOT WELD, BRAZE OR CUT ON EMPTY CONTAIN

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Control Measures

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Respiratory Protection: IF VENTILATION DOES NOT MAINTAIN INHALATION EXPOSURES BELOW PEL(TLV), USE NIOSH/MSHA APPROVED ORGANIC VAPOR CARTRIDGE AND DUST/MIST PRE-FILTER RESPIRATORS AS PER CURRENT 29 CFR 1910.134, INSTRUCTIONS/WARNINGS AND NIOSH-RESPIRATOR SELECTION.

Ventilation: MECHANICAL (GENERAL) ROOM VENTILATION IS NORMALLY ADEQUATE. LOCAL EXHAUST MAY BE REQUIRED IF WORK AREA NOT VENTED.

Protective Gloves: RUBBER GLOVES.

Eye Protection: SAFETY GOGGLES WITH OPTIONAL FACE SHIELD

Other Protective Equipment: EYE WASH STATION AND SAFETY SHOWER.

INDUSTRIAL-TYPE WORK CLOTHING AND APRON AS REQUIRED.

Work Hygienic Practices: OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. DO NOT WEAR CONTAMINATED CLOTHING OR FOOTWEAR.

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Transportation Data

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DOT PSN Code: AFR

DOT Proper Shipping Name: ADHESIVES,

DOT Class: 3

DOT ID Number: UN1133

DOT Pack Group: II

DOT Label: FLAMMABLE LIQUID

IMO PSN Code: AIH

IMO Proper Shipping Name: ADHESIVES

IMO Regulations Page Number: 3174

IMO UN Number: 1133

IMO UN Class: 3.2

IMO Subsidiary Risk Label: -

IATA PSN Code: AKY

IATA UN ID Number: 1133

IATA Proper Shipping Name: ADHESIVES

IATA UN Class: 3

IATA Label: FLAMMABLE LIQUID

AFI PSN Code: AKY  
AFI Prop. Shipping Name: ADHESIVES  
AFI Class: 3  
AFI ID Number: UN1133  
AFI Pack Group: II  
AFI Label: FLAMMABLE LIQUID  
AFI Basic Pac Ref: 7-8  
Additional Trans Data: CONTAINS TOLUENE, ETHYL ACETATE, VM&P NAPHTHA, ETC.

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Disposal Data  
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Label Data  
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Label Required: YES  
MFR Label Number: NONE  
Label Status: F  
Common Name: BARGE ALL PURPOSE CEMENT.  
Chronic Hazard: YES  
Signal Word: WARNING!  
Acute Health Hazard-Slight: X  
Contact Hazard-Slight: X  
Fire Hazard-Moderate: X  
Reactivity Hazard-Moderate: X  
Special Hazard Precautions: MAY BE POISONOUS IF INHALED OR ABSORBED  
THROUGH SKIN. VAPORS MAY CAUSE DIZZINESS OR SUFFOCATION. CONTACT MAY  
IRRITATE OR BURN SKIN AND EYES. FIRE MAY PRODUCE IRRITATING OR POISONOUS  
GASES. RUNOFF FROM FIRE CONTROL OR DILUTION WATER MAY CAUSE POLLUTION.  
Protect Eye: Y  
Protect Skin: Y  
Protect Respiratory: Y  
Label Name: PIERCE & STEVENS CHEMICAL CORP.  
Label Street: 710 OHIO STREET  
Label City: BUFFALO  
Label State: NY  
Label Zip Code: 14203-3112  
Label Country: US  
Label Emergency Number: 718-856-4910  
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