

M A T E R I A L S A F E T Y D A T A S H E E T

KINAMEL

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PRODUCT NAME: KINAMEL
PRODUCT CODE: 1223-18

HMIS CODES: H F R P
2 2 0 B

===== SECTION I - MANUFACTURER IDENTIFICATION =====

MANUFACTURER'S NAME: O'Leary Paint Company
ADDRESS : 415 Baker Street
PMI Division
Lansing, MI. 48910

EMERGENCY PHONE : DATE PRINTED : 11/28/01
INFORMATION PHONE : (517) 487-2033 NAME OF PREPARER : SCOTT BOWER

===== SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION =====

VAPOR PRESSURE

WEIGHT REPORTABLE COMPONENTS PERCENT	CAS NUMBER	mm Hg	TEMP
MINERAL SPIRITS RULE 66 /STODDARD SOLVENT	8052-41-3	2 68	35
OSHA PEL: 100 ppm, ACGIH TLV: 100 ppm			
ZIRCONIUM DRIER	2246-99-9	2.6 406	1.19
OSHA PEL: 100ppm, ACGIH TLV: 100ppm, OTHER: 350MG/CUM			

*** No toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372 are present. ***
N/A

===== SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS =====

BOILING RANGE: 315 deg F SPECIFIC GRAVITY (H2O=1): 1.00
VAPOR DENSITY: HEAVIER THAN AIR EVAPORATION RATE: SLOWER THAN ETHER
COATING V.O.C.: 3.08 lb/gl MATERIAL V.O.C.: 3.08 lb/gl
SOLUBILITY IN WATER: NONE
APPEARANCE AND ODOR: White Opaque Liquid Solvent Odor

===== SECTION IV - FIRE AND EXPLOSION HAZARD DATA =====

FLASH POINT: 104 deg F METHOD USED: NA
FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 1 UPPER: 6

EXTINGUISHING MEDIA: FOAM, CO2, DRY CHEMICAL, OTHER

SPECIAL FIREFIGHTING PROCEDURES

Summon professional firefighters. Use full equipment including selfcontained breathing apparatus .Water spray may be in- effective. If water is used, fog nozzle are preferable. If exposed to extreme heat, use water to cool containers.

UNUSUAL FIRE AND EXPLOSION HAZARDS

Closed containers may explode or burst(due to the build up of steam pressure) when exposed to heat. During emergency conditions, overexposure to decomposition may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.

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===== SECTION V - REACTIVITY DATA =====

STABILITY: STABLE

CONDITIONS TO AVOID

Heat, sparks, or open flames. .

INCOMPATIBILITY (MATERIALS TO AVOID)

STRONG OXIDIZING AGENTS.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS

May produce hazardous decomposition products when heated. Fumes may contain :

carbon monoxide, carbon dioxide .

HAZARDOUS POLYMERIZATION: WILL OCCUR

===== SECTION VI - HEALTH HAZARD DATA =====

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

Vapor and spray mist may be harmful if inhaled. Symptoms : headaches, dizziness, confusion.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE

In case of skin contact, flush immediately with plenty of water followed by washing with soap and water . In case of eye contact, flush eyes immediately with plenty of water for at least 15 minutes.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

Dryness, itching, cracking, burning, redness, and swelling are conditions associated with excessive skin contact.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

Can cause gastrointestinal irritation, nausea, vomiting, and diarrhea. Aspiration of material into lungs can cause chemical pneumonitis which can be fatal.

HEALTH HAZARDS (ACUTE AND CHRONIC)

Overexposure to aliphatic petroleum distillates has been suggested as a cause of the following effects in humans: , central nervous system effects.

CARCINOGENICITY: NTP CARCINOGEN: No IARC MONOGRAPHS: No OSHA REGULATED: Yes
N/A

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE

PRE-EXISTING LUNG, OR SKIN CONDITIONS MAY BE AGGRAVATED.

EMERGENCY AND FIRST AID PROCEDURES

INGESTION: If swallowed, do not induce vomiting. EYE CONTACT: In case of eye contact, flush eyes immediately with plenty of water for at least 15 minutes.

SKIN CONTACT: In case of skin contact, flush immediately with plenty of water followed by washing with soap and water. INHALATION: If affected by inhalation of vapor or mist, remove to fresh air. Apply artificial respiration and other supportive measures as required.

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SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE
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STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Provide maximum ventilation. Only personnel equipped with proper respiratory and skin and eye protection should be permitted in the area. Remove all sources of ignition. Take up spilled material with absorbent material place in container.

WASTE DISPOSAL METHOD

WASTE MATERIAL MUST BE DISPOSED OF IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL ENVIRONMENTAL CONTROL REGULATIONS. EMPTY CONTAINERS SHOULD BE RECYCLED OR DISPOSED OF THROUGH AN APPROVED WASTE MANAGEMENT FACILITY.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Do not store above 120F. Store large quantities in buildings designed for storage of NFP class 111B combustible liquids.

OTHER PRECAUTIONS

Containers of this material may be hazardous when emptied. Since emptied containers retain product residues (vapor, liquid, and/or solid), all hazardous precautions given in the data sheet must be observed.

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SECTION VIII - CONTROL MEASURES
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RESPIRATORY PROTECTION

If workplace exposure limits of product or any component is exceeded (see section 11), a NIOSH/MSHA approved air supplied respirator is advised in absence of proper environmental control. OSHA regulations also permit other NIOSH/MSHA respirator (negative pressure type) under specified conditions. Controls should be implemented to reduce exposure.

VENTILATION

Use only with adequate ventilation. Provide general dilution or local exhaust ventilation in volume and pattern to keep air contamination concentration below current applicable safety and health standards.

PROTECTIVE GLOVES

Gloves constructed of: Nitrile rubber, neoprene.

EYE PROTECTION

Do not get in eyes. Safety eyewear with splash guards or sideshields is recommended to prevent contact.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT

When spraying overhead a spray hood or spray sock should be worn.

WORK/HYGIENIC PRACTICES

Remove and wash soiled clothing after use. Wash hand before eating, drinking or smoking.

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SECTION IX - DISCLAIMER
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THE INFORMATION CONTAINED HEREIN IS BASED ON DATA BELIEVED BY O'LEARY PAINT CO. TO BE ACCURATE, BUT WE DO NOT ASSUME ANY LIABILITY FOR THE ACCURACY OF THIS INFORMATION. WE NEITHER SUGGEST NOR GUARANTEE THAT ANY HAZARDS MENTIONED ARE THE ONLY ONES WHICH EXIST.