

New 5/04

MATERIAL SAFETY DATA SHEET

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GACOROOF COLORANT

CHEMICAL FAMILY: Solvent based colorant

TRADE NAME: Gacoflex

TRANSPORTATION EMERGENCY ASSISTANCE / CALL CHEMTREC / 800-424-9300

HMIS HAZARD RATINGS

H:2 F:3 R:0 PP:I

DEGREE OF HAZARD: 4=EXTREME 3=HIGH 2=MODERATE 1=SLIGHT 0=INSIGNIFICANT

SECTION II - HAZARDOUS SUBSTANCES

	% BY WT	OSHA PEL	ACGIH TLV
Methyl ethyl ketone(1); CAS# 78-93-3	66.6	200ppm	200ppm

(1)This chemical is subject to SARA Title III, Section 313 Reporting

SECTION III - PHYSICAL DATA

BOILING RANGE: 172-176 Deg. F	WEIGHT PER GALLON: 7.37 lbs
VAPOR DENSITY(air=1): Heavier	VAPOR PRESSURE(mm Hg @ 20C/68F):
VOC: 241 g/l when combined with	MEK = 70
5 gal of GacoRoof Coating	
% VOLATILE BY VOLUME: 73.1%	EVAPORATION RATE(ether=1): Slower

SECTION IV - FIRE & EXPLOSION HAZARD DATA

FLASH POINT: 20 Deg F. (TCC)

EXTINGUISHING MEDIA: Foam, CO2, dry chemical or water fog.

SPECIAL FIRE FIGHTING PROCEDURES: Cool containers with water fog to prevent rupture. Boilover may occur when temperature of material approaches boiling point of solvent. Do not extinguish flame at leak because possibility of uncontrolled explosive reignition exists. Cut off fuel and/or allow fire to burn out. Extinguish residual fires with chemical powder or foam.

UNUSUAL FIRE & EXPLOSION HAZARD: Spills or vapor leaks readily form flammable mixtures at or above the flash point. It is unlikely that this product will explode due to mechanical impact but fire or explosion may occur from static accumulation and discharge.

SECTION V - HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE: Inhalation of high concentrations can produce central nervous system depression. Skin contact can cause severe irritation, possible burns, defatting and dermatitis. Eye contact causes severe irritation, redness, tearing and blurred vision.

EMERGENCY & FIRST AID: If overcome by vapors, remove to fresh air and if breathing has stopped, give artificial respiration. Eye contact: Flush immediately with water and call a physician as soon as possible. Skin contact: Wash with soap and water and remove contaminated clothing. Ingestion: See a physician as soon as possible.

PRIMARY ROUTES OF ENTRY: Dermal or inhalation most likely.

MEDICAL CONDITIONS PRONE TO AGGRAVATION BY EXPOSURE: Repeated exposure can

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cause allergic reaction with development of occupational asthma. Long term repeated exposure to low vapor concentrations may cause chronically progressive pulmonary disease.

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SECTION VI - REACTIVITY DATA
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STABILITY: Stable

CONDITIONS TO AVOID: Heat, sparks and open flame

INCOMPATIBILITY: Strong oxidizing materials like liquid chlorine and concentrated oxygen.

HAZARDOUS DECOMPOSITION PRODUCTS: Incomplete combustion may produce carbon monoxide and/or carbon dioxide.

HAZARDOUS POLYMERIZATION: Will not occur.

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SECTION VII - SPILL OR LEAK PROCEDURES
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STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Remove all sources of ignition. In enclosed areas, cleanup personnel should wear self-contained breathing apparatus. Cover spills with sawdust, vermiculite, or other absorbent material. Collect material for disposal with non-sparking tools.

WASTE DISPOSAL METHOD: Dispose in accordance with local, state, and federal regulations.

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SECTION VIII - SPECIAL PROTECTION INFORMATION
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RESPIRATORY PROTECTION: Atmospheric levels should be maintained below the exposure guideline. When respiratory protection is required, use an approved air-purifying or positive-pressure supplied-air respirator depending on the potential airborne concentration. In confined or poorly ventilated areas, use an approved positive-pressure supplied-air respirator.

VENTILATION (Local/Mechanical Exhaust): Explosion proof mechanical equipment capable of keeping vapor concentration below the PEL.

PROTECTIVE GLOVES: Chemical resistant gloves.

EYE PROTECTION: Safety goggles or face shield.

OTHER PROTECTIVE EQUIPMENT: Eye bath & safety shower should be available.

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SECTION IX - SPECIAL PRECAUTIONS & TOXICOLOGICAL PROPERTIES
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SPECIAL PRECAUTIONS TO BE TAKEN IN HANDLING & STORING: Keep containers closed and store in a cool dry place with adequate explosion proof ventilation. Keep away from heat, sparks and open flame. Ground equipment to prevent accumulation of static charge.

TOXICOLOGICAL PROPERTIES: Available data shows that none of the ingredients are carcinogenic, teratogenic or mutagenic but solvent contained could be harmful or fatal if swallowed. Vapor harmful. May cause skin or eye irritation.

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