



MATERIAL SAFETY DATA SHEET

**SECTION 1. PRODUCT AND COMPANY IDENTIFICATION
WOUND KOTE**

PRODUCT CODE: F-WOUND KOTE, REFERENCE #: 72008
PRODUCT NAME: WOUND KOTE CHEMICAL FAMILY: Compound

**MANUFACTURER NAME AND
ADDRESS:**

Farnam Companies, Inc.
301 West Osborn Road
Phoenix, AZ. 85013

24 hour emergency
number
Business hours
Marketing

**TELEPHONE
NUMBERS:**

(602)285-1660
(602)285-1660
(602)285-1660

DATES:

Date Created:
02/25/1992
Revision: 04/17/2003
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**SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS
WOUND KOTE**

HAZARDOUS COMPONENTS (CHEMICAL NAME)	CAS #	OSHA PEL	ACGIH TLV	OTHER LIMITS	PERCENTAGE	RTECS #
1. Propane	74-98-6	1000 ppm			4.0 %	TX2275000
2. Isobutane (2-Methylpropane)	75-28-5				16.0 %	TZ4300000
3. Heptane	142-82-5	400 ppm	400 ppm		20.0 %	MI7700000
4. Isopropyl alcohol {sec-Propyl alcohol; IPA; 2-Propanol}	67-63-0	400 ppm	400 ppm		30.0 %	NT8050000

**SECTION 3. HAZARDS IDENTIFICATION
WOUND KOTE**

EMERGENCY OVERVIEW

ROUTE(S) OF ENTRY: Inhalation? Yes , Skin? Yes , Eyes? Yes , Ingestion? Yes

POTENTIAL HEALTH EFFECTS (ACUTE AND CHRONIC)

Repeated and prolonged overexposure to solvents has been known to cause permanent brain and nervous system damage.

CARCINOGENICITY: NTP? No , IARC Monographs? No , OSHA Regulated? Yes

CARCINOGENICITY/OTHER INFORMATION

RECOMMENDED EXPOSURE LIMITS: NE LD 50/LC 50:

SIGNS AND SYMPTOMS OF EXPOSURE

In a confined area vapors in high concentration are anesthetic. Irritant to skin and upper respiratory system. Over-exposure may result in light-headedness, ataxia, and possible nausea. Harmful or fatal if swallowed.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE
NE

SECTION 4. FIRST AID MEASURES WOUND KOTE

EMERGENCY AND FIRST AID PROCEDURES

IF SWALLOWED: Do NOT induce vomiting. Drink two glasses of water and contact physician or Poison Control Center. Do not give anything by mouth to an unconscious person.

IF INHALED: Remove patient to fresh air. Contact a physician if irritation persists.

IF IN EYES: Flush with water for at least 15 minutes. Contact physician if irritation persists.

IN ON SKIN: Wash with soap and water. Contact physician if irritation persists.

NOTE TO PHYSICIAN

SECTION 5. FIRE FIGHTING MEASURES WOUND KOTE

FLASH PT: < 0.00 F METHOD USED: ACC

EXPLOSIVE LIMITS: LEL: 1.1 UEL: 12.7

EXTINGUISHING MEDIA

Carbon dioxide, dry chemical or foam

FIRE FIGHTING INSTRUCTIONS

Water may be ineffective. Water fog may be used to keep fire exposed containers cool; move containers from fire area if possible.

FLAMMABLE PROPERTIES AND HAZARDS

Isolate from heat, electrical equipment, sparks, and open flame. Closed containers may explode when exposed to extreme heat.

Application to hot surfaces requires special precautions. During emergency conditions overexposure to decomposition products may cause a health hazard. Contents under pressure; exposure to direct sunlight or other heat may cause bursting. Symptoms may not be immediately apparent. Obtain medical attention.

HAZARDOUS COMBUSTION PRODUCTS

SECTION 6. ACCIDENTAL RELEASE MEASURES WOUND KOTE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Remove all sources of ignition, ventilate. Avoid breathing vapors, absorb with inert absorbent and transfer to disposal containers.

SECTION 7. HANDLING AND STORAGE WOUND KOTE

HAZARD LABEL INFORMATION:

Contents under pressure

PRECAUTIONS TO BE TAKEN IN HANDLING

Flammable. Do not store above 120F. Keep at room temperature as exposure to direct sunlight or heat may cause bursting.

PRECAUTIONS TO BE TAKEN IN STORING

OTHER PRECAUTIONS

KEEP OUT OF REACH OF CHILDREN. Do not puncture or incinerate. Do not spray near fire or open flame.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION
WOUND KOTE

RESPIRATORY EQUIPMENT (SPECIFY TYPE)

organic vapor respirator adequate to exposure below acceptable limits

EYE PROTECTION

safety glasses w/sdshields, goggles

PROTECTIVE GLOVES

rubber

OTHER PROTECTIVE CLOTHING

none

ENGINEERING CONTROLS (VENTILATION ETC.)

Local Exhaust: vol.& pattern to keep TLV below acceptable limits

Special:

Mechanical (Gen):

Other:

WORK/HYGIENIC/MAINTENANCE PRACTICES

Wash hands before eating, smoking or using restroom.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES
WOUND KOTE

PHYSICAL STATES: [] Gas , [X] Liquid , [] Solid

BOILING POINT: N.A.

MELTING POINT: N.A.

SPECIFIC GRAVITY (WATER = 1): .76N.A.

VAPOR PRESSURE (VS. AIR OR MM HG):

VAPOR DENSITY (VS. AIR = 1):

EVAPORATION RATE (VS BUTYL ACETATE=1):

SOLUBILITY IN WATER:

OTHER SOLUBILITY NOTES: NE

PERCENT VOLATILE: 93.000 % by volume.

PH:

APPEARANCE AND ODOR

aerosol, chlorinated solvent odor

ADDITIONAL PHYSICAL INFORMATION

Heat of Combustion = 30.8 kJ/g

SECTION 10. STABILITY AND REACTIVITY
WOUND KOTE

STABILITY: Unstable [] Stable [X]

CONDITIONS TO AVOID - INSTABILITY

Do not store above 120 degrees F

INCOMPATIBILITY - MATERIALS TO AVOID

None known

HAZARDOUS DECOMPOSITION OR BYPRODUCTS

By open flame: carbon monoxide, carbon dioxide, hydrogen chloride and phosgene gas.

HAZARDOUS POLYMERIZATION: Will occur [] Will not occur [X]

CONDITIONS TO AVOID - HAZARDOUS POLYMERIZATION

will not occur

SECTION 11. TOXICOLOGICAL INFORMATION
WOUND KOTE

SECTION 12. ECOLOGICAL INFORMATION
WOUND KOTE

SECTION 13. DISPOSAL CONSIDERATIONS
WOUND KOTE

WASTE DISPOSAL METHOD

Dispose of in accordance with local, State and Federal regulations.

SECTION 14. TRANSPORT INFORMATION
WOUND KOTE

DOT PROPER SHIPPING NAME


DOT HAZARD LABEL: Consumer Commodity, ORM-D, LEVEL 3 AEROSOL


UN/NA NUMBER:

ADDITIONAL TRANSPORT INFORMATION

SECTION 15. REGULATORY INFORMATION
WOUND KOTE

SECTION 16. OTHER INFORMATION
WOUND KOTE

HMIS HAZARD RATINGS:	NFPA HAZARD RATINGS:	OTHER HAZARD RATINGS:	
Health: = 2	Health: NA	Health: NA	Minimal: 0
Flammability: 3	Flammability: 3	Flammability: 3	Slight: 1
Reactivity: 0	Instability: NA	Reactivity: NA	Moderate: 2
			Serious: 3

Protection:	Special Hazard:		Special Hazard: NA	Extreme: 4
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The information and data herein are believed to be accurate and have been compiled from sources believed to be reliable. It is offered for your consideration, investigation and verification.
