

SAFETY DATA

PRODUCT NAME: **KF-27 , KEMO-FUSION HARDNER**

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SECTION 1

SPR INTERNATIONAL INC.
320 Northpoint Pkwy. Suite L
Acworth, Ga. 30102

02/01/2012

OFFICE TELEPHONE NUMBER: Acworth, Ga. (770) 966-1331

EMERGENCY TELEPHONE NUMBER: 3-E 1-800-451-8346,
Office 8:00 am to 5pm Mon – Fri E.S.Time 1- 800-346-7882

MATERIAL SAFETY DATA SHEET
FOR COATINGS, RESINS AND RELATED MATERIALS
Approved by U.S. Department of Labor "Essentially Similar" to Form MSHA – 20)

SECTION II – HAZARDOUS INGREDIENTS

INGREDIENT	PERCENT BY WT.	TLV Ppm	LEL mg/M3	mm	VAPOR PRESSURE Hg @ 20 F.
Cellosolve EE	25	: 5	: 19	: 1.8	: 4
Xylol	25	: 100	: 435	: 1.0	: less than 10
Methyl Isobutyl Ketone (MIBK)	25	: 50	: 205	: 1.4	: 18
Isopropanol	5	: 400	: 980	: 2.0	: 33
Toluol less than	5	: 100	: 375	: 1.4	: 22
HBA less than	5	: 100	: 1600	: 0.9	: less than 10
# Solvesso 150		:	:	:	:
Dyethylene less than	5	: 1	: 4	: 1.4	: less than 1
Triamine 4,4'	4,4'	:	:	:	:
Isopropylidenediphenol	10	: N.A.	: N.A.	: N.A.	:
Epichlorohydrin Resin		:	:	:	:

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SECTION III - PHYSICAL DATA

BOILING RANGE 180-410 F. VAPOR DENSITY X - HEAVIER
(ISOPROPANOL - HBA # 6)

VAPORATION RATE	PERCENT VOLATILE	WEIGHT PER GALLON
X - SLOWER, THAN ETHER	BY VOLUME 89	7.34

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

DOT CATEGORY	FLASH POINT	LEL	SEE
FLAMMABLE LIQUID - CLASS 1B	40 F. T.C.C. (Toluol)		SECTION II

EXTINGUISHING MEDIA DRY CHEMICAL, CO₂, FOAM, WATER FOG

UNUSUAL FIRE AND EXPLOSION HAZARDS Toxic gases are evolved when burning. Keep containers tightly closed. Isolate from heat, electrical equipment, sparks, open flame and areas where static electricity may be generated. Closed containers may explode when exposed to extreme heat . Water may be used to cool closed containers. Do not apply to hot surfaces. Do not store or mix with strong oxidants .

SPECIAL FIRE FIGHTING PROCEDURES Water may be ineffective; however, use water spray to cool fire-exposed closed containers to prevent explosion. Use air supplied rescue equipment for enclosed areas. Avoid unnecessary exposure to fumes. Any person exposed to such fumes should receive immediate medical attention.

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SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE See Section II

EFFECTS OF OVEREXPOSURE Inhalation: Anesthetic. Irritation of the respiratory tract or acute nervous system depression characterized by headache, dizziness, staggering gait, confusion, unconsciousness or coma. Contact with skin or eyes causes burns.
Sensitizer: causes skin rash.

EMERGENCY AND FIRST AID PROCEDURES Fumes: Remove from exposure. Restore breathing. Keep warm and quiet. Notify a physician. Splash (eyes): Flush immediately with copious quantities of running water for at least 15 minutes. Take to a physician for definitive medical treatment. Splash (skin): Wash affected areas with water. Remove contaminated clothing. Consult a physician. If swallowed, call physician immediately. Do not induce vomiting.

SECTION IV - REACTIVITY DATA

STABILITY X - STABLE CONDITIONS TO AVOID

Temperatures in excess of 150 F.

HAZARDOUS DECOMPOSITION in closed container. Exposure to heat, sparks, open flame, hot Carbon monoxide and surfaces.
carbon dioxide.

HAZARDOUS POLYMERIZATION X - WILL NOT OCCUR
CONDITIONS TO AVOID Exotherms when cured.

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SECTION VIA - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Remove all sources of ignition. Mop up spills. Use non-sparking tools. Use adequate ventilation. Move leaking containers to out of doors, observing precautions with reference to fire, spark and flame hazard.

WASTE DISPOSAL METHOD: Reclaim material, incinerate or use sanitary landfill method of disposal in accordance with state, local and federal regulations. Do not incinerate closed containers. Seal empty drums tightly.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: In open areas use Bureau of Mines approved mechanical filter respirator to remove solid air borne particles during spray application. In restricted ventilation areas use Bureau of Mines approved chemical-mechanical filters designed to remove a combination of particulate and gas and vapor. In confined areas, use Bureau of Mines approved air line type respirators or hoods.

VENTILATION: Use approved spray booth. Provide general dilution or local exhaust ventilation in volume and pattern to keep TLV of most hazardous ingredient in Section II below acceptable limit.

PROTECTIVE GLOVES: Rubber or plastic.

EYE PROTECTION: Safety glasses or face shield.

OTHER PROTECTIVE EQUIPMENT: Prevent skin contact with contaminated clothing.

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SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Store in well ventilated warehouse. Keep out of direct sunlight or other heat source.

OTHER PRECAUTIONS Do not take internally; harmful or fatal if swallowed. Containers should be grounded when pouring. Avoid sparks, do not drop can in excess of a few inches. Close container after use. Do not transfer contents to unlabelled containers. Avoid prolonged contact with skin and breathing of vapor or spray mist. Extinguish pilot lights. Use non-sparking tools and explosion proof equipment. Keep away from heat, sparks and open flame.

The information contained herein is believed to be accurate but is not warranted to be so. Users are advised to confirm in advance of need that information is current, applicable, and suited to their circumstances. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the product if safety procedures are not adhered to as stipulated in this data sheet and on product label, nor for injury caused by abnormal use of this product even if reasonable safety procedures are followed.