

# MATERIAL SAFETY DATA SHEET

N/A = NOT APPLICABLE

(PREPARED ACCORDING TO 29 CFR 1910, 1200)

DATE PRINTED

3/18/02

## SECTION I - PRODUCT IDENTIFICATION

PRODUCT NAME:

**FAST TACK  
MULTI PURPOSE ADHESIVE**

PRODUCT NUMBER:

**K231**

PRODUCT HAZARD RATINGS (NFPA):

PRODUCT NAME: SPRAY ADHESIVE  
SUPPLIERS NAME: KAYLINE CO.  
SUPPLIERS ADDRESS: P.O. BOX 603207  
CLEVELAND, OHIO 44103

FORMULA: PROPRIETARY  
PRODUCT TYPE: AEROSOL  
PHONE NUMBER: (216) 566-9858 OR 1-800 426-5820

HEALTH:	1
FIRE:	4
REACTIVITY:	0
PERSONAL PROTECTION:	B
KEY: 0-MINIMAL 1-SLIGHT 2-MODERATE 3-SERIOUS 4-EXTREME	

## SECTION II - HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

CHEMICAL NAMES	CAS #	EXPOSURE LIMITS (LD50-ORAL RAT)	SARA TITLE III SEC 313	ACGIH TLV / TWA	OSHA PEL	% BY WT.
HEPTANE	142-82-5	NA	NO	400ppm	400ppm	25-30
CYCLOHEXANE	110-82-7	12705mg/kg	YES	300ppm	300ppm	5-10
DIMETHYLETHER	115-10-6	NA	NO	1000ppm	1000ppm	10-20
ALIPHATIC PETROLEUM SOLVENT	64742-89-8	NA	YES	300ppm	300ppm	5-10
DIETHYLENE GLYCOL N-BUTYL ETHER	112-34-5	NA	YES	ND	ND	1-2
LIQUIFIED PETROLEUM GAS	68476-85-7	NA	-	1000ppm	1000ppm	20-30

UNIDENTIFIED INGREDIENTS ARE NOT CONSIDERED HAZARDOUS UNDER THE FEDERAL HAZARD COMMUNICATION STANDARD.  
COMPONENTS LISTED AS A SUSPECTED CARCINOGEN: NONE

## SECTION III - PHYSICAL CHARACTERISTICS

BOILING POINT:	NA	VAPOR DENSITY (AIR=1):	>1
pH:	-5	SPECIFIC GRAVITY (H <sub>2</sub> O=1):	<1.0
SOLUBILITY IN WATER:	NEGLIGIBLE	EVAPORATION RATE (ETHER=1):	<1
APPEARANCE AND ODOR:	TRANSLUCENT, VISCOUS LIQUID / PETROLEUM DISTILLATE ODOR		
VAPOR PRESSURE (psig):	130@130F		

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

AEROSOL FLAMMABILITY: THIS PRODUCT IS CONSIDERED TO BE EXTREMELY FLAMMABLE AS DESCRIBED IN 16CFR 1500.45.  
FLAMMABLE LIMITS - % VOLUME IN AIR (PROPELLANT): LEL: 1.8 UEL: 9.2  
EXTINGUISHING MEDIA: CARBON DIOXIDE, FOAM AND / OR DRY CHEMICAL MAY BE USED.  
SPECIAL FIRE FIGHTING PROCEDURES: CONTAINERS SHOULD BE COOLED WITH WATER TO PREVENT VAPOR PRESSURE BUILD UP. USE EQUIPMENT OR SHIELDING, AS REQUIRED, TO PROTECT PERSONNEL FROM BURSTING, RUPTURING OR VENTING CONTAINERS.  
UNUSUAL FIRE AND EXPLOSION HAZARDS: AT ELEVATED TEMPERATURES (OVER 54C - 130F) CONTAINERS EXPOSED TO DIRECT FLAME OR HEAT CONTACT SHOULD BE COOLED WITH WATER TO PREVENT WEAKENING OF CONTAINER STRUCTURE.

## SECTION V - REACTIVITY DATA

STABILITY: STABLE HAZARDOUS POLYMERIZATION: N/A  
INCOMPATIBILITY (MATERIALS TO AVOID): OXIDIZING AGENTS, STRONG ACIDS  
HAZARDOUS DECOMPOSITION PRODUCTS: CARBON DIOXIDE, CARBON MONOXIDE.  
CONDITIONS TO AVOID: DO NOT STORE ABOVE 54C - 130F. KEEP AWAY FROM HEAT, DIRECT SUNLIGHT, OPEN FLAMES OR SPARKS. DROPPING OF CONTAINERS MAY CAUSE BURSTING.

## SECTION VI - HEALTH HAZARD DATA

ROUTES OF ENTRY: INHALATION: X EYES: X SKIN: X INGESTION: X  
SIGNS AND SYMPTOMS OF EXPOSURE: EXCESSIVE INHALATION MAY CAUSE NASAL AND RESPIRATORY IRRITATION, INCLUDING DIZZINESS, NAUSEA AND HEADACHES. PROLONGED OR REPEATED SKIN CONTACT MAY DEFEAT THE SKIN AND CAUSE DERMITITIS. EYE IRRITANT. INGESTION: IF INGESTED DO NOT INDUCE VOMITING. IF VOMITING OCCURS, KEEP HEAD BELOW HIPS TO PREVENT ASPIRATION OF LIQUID ONTO LUNGS.  
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: PRE-EXISTING SKIN OR EYE DISORDERS MAY BE AGGRAVATED BY EXPOSURE TO THIS PRODUCT.  
EMERGENCY FIRST AID PROCEDURES  
EYES CONTACT: FLUSH EYES WITH PLENTY OF WATER FOR 15 MINUTES WHILE HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION IF IRRITATION PERSISTS.  
SKIN CONTACT: REMOVE CONTAMINATED CLOTHING. FLUSH SKIN WITH WATER, FOLLOW BY WASHING WITH SOAP AND WATER. IF IRRITATION OCCURS, GET MEDICAL ATTENTION. DO NOT REUSE CLOTHING UNTIL CLEANED.  
INHALATION: REMOVE VICTIM TO FRESH AIR AND PROVIDE OXYGEN IF BREATHING IS DIFFICULT. GIVE ARTIFICIAL RESPIRATION IF NOT BREATHING. GET MEDICAL ATTENTION.  
INGESTION: GET MEDICAL ATTENTION.

## SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

RELEASES OR SPILLED: REMOVE ALL SOURCES OF IGNITION AND VENTILATE AREA. SOAK UP SPILL WITH AN INERT ABSORBENT AND PLACE INTO A DESIGNATED DISPOSAL CONTAINER. CONSULT LOCAL REGULATORY AGENCY FOR PROPER DISPOSITION OF MATERIAL.  
WASTE DISPOSAL METHOD: DO NOT PUNCTURE OR INCINERATE CONTAINERS. WHEN CONTAINERS ARE DEPLETED CONTINUE TO DEPRESS BUTTON UNTIL ALL GAS IS EXPELLED. DISPOSE OF CONTAINER IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS.  
HANDLING AND STORAGE: AVOID BREATHING VAPOR.  
KEEP AWAY FROM HEAT AND FLAME. USE WITH ADEQUATE VENTILATION. DO NOT PUNCTURE OR INCINERATE CONTAINERS. DO NOT EXPOSE TO DIRECT SUNLIGHT OR STORE AT ROOM TEMPERATURES ABOVE 130°F (54C). STORE AS LEVEL 3 AEROSOL. (NFPA 30B).

## SECTION VIII - EMPLOYEE PROTECTION

RESPIRATORY PROTECTION (TYPE): NONE REQUIRED IF GOOD VENTILATION IS MAINTAINED. IF EXPOSURE EXCEEDS OCCUPATIONAL EXPOSURE LIMITS (SEC. II), USE A NIOSH APPROVED RESPIRATOR TO PREVENT OVEREXPOSURE.  
VENTILATION: LOCAL EXHAUST IS ADEQUATE UNDER NORMAL CONDITIONS, MECHANICAL VENTILATION IS OPTIONAL.  
PROTECTIVE GLOVES: CHEMICAL RESISTANT GLOVES.\*  
EYE PROTECTION: CHEMICAL SAFETY GLASSES ARE RECOMMENDED.\*  
OTHER PROTECTIVE CLOTHING OR EQUIPMENT: WEAR IMPERVIOUS CLOTHING TO PREVENT SKIN CONTACT.  
WORK / HYGIENIC PRACTICES: ENSURE STRICT SANITARY CONDITIONS ARE CONFORMED TO WHEN WORKING AROUND CHEMICALS.  
PROTECTIVE CLOTHING AND EQUIPMENT SHOULD BE IN ACCORDANCE WITH 29 CFR 1910.132 AND CFR 1910.133.

## SECTION IX - OTHER REGULATORY CONTROLS

GOVERNMENTAL LISTINGS: INGREDIENTS OF THIS PRODUCT ARE LISTED ON THE EPA/TSCA INVENTORY OF CHEMICAL SUBSTANCES.

## SECTION X - TRANSPORTATION REQUIREMENTS (D.O.T. CLASSIFICATION)

SHIPPING NAME: CONSUMER COMMODITY HAZARD CLASS: ORM-D

NG=NEGLIGIBLE N/A=NOT APPLICABLE NE=NOT ESTABLISHED UN=UNAVAILABLE ND=NOT DETERMINED

NOTICE: WE BELIEVE THAT THE INFORMATION CONTAINED ON THIS MATERIAL SAFETY DATA SHEET IS ACCURATE. THE SUGGESTED PROCEDURES ARE BASED ON EXPERIENCE AS OF THE DATE OF PUBLICATION. THEY ARE NOT NECESSARILY ALL INCLUSIVE NOR FULLY ADEQUATE IN EVERY CIRCUMSTANCE. ALSO, THE SUGGESTIONS SHOULD NOT BE CONFUSED WITH NOR FOLLOWED IN VIOLATION OF APPLICABLE LAWS, REGULATIONS, RULES OR INSURANCE REQUIREMENTS. NO WARRANTY, EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS OR OTHERWISE IS MADE.