

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

**CAMIE CAMPBELL**  
**9225 WATSON INDUSTRIAL PARK**  
**ST. LOUIS, MO 63126**

**INFORMATION TELEPHONE NO.: 314 968 3223**  
**EMERGENCY TELEPHONE NO.: 800-424-9300**

**PREPARATION DATE: 10/21/91**

**REPLACES DATE: 10/15/91**

**PREPARED BY: JLM**  
*JLM 10/21/91*

**SECTION I   PRODUCT IDENTIFICATION**

\* Manufactured as HOT-TAK 50220 ADHESIVE for  
 PolyOne Corporation - Kennesaw  
 8155 Cobb Center Drive  
 Kennesaw, GA 30152

**L-6305 ADHESIVE**  
**ADHESIVE**  
**SFAL06305**

**SECTION II - HAZARDOUS INGREDIENTS**

CHEMICAL NAME	CAS NUMBER	WT % LS < THAN	OCCUPATIONAL EXPOSURE LIMITS			SKIN DESIG- NATION	VAPOR PRESSURE mmHg	KNOWN OR SUSPECTED CARCINOGEN	318
			(TLV-TWA)	(TLV-STEL)	(TLV-CEILING)				
DIMETHYL ETHER	115-10-6	10%	1000 ppm	NO INFO	NO INFO	NO	4039.0	NO	NO
ISOBUTANE	75-28-5	15%	800 ppm	NO INFO	NO INFO	NO	1693.2	NO	NO
PROPANE	74-98-6	15%	1000 ppm	NO INFO	NO INFO	NO	5688.5	NO	NO
ACETONE	67-64-1	15%	750 ppm	1000 ppm	NO INFO	NO	181.7	NO	YES
HEXANE	110-54-3	45%	50 ppm	NO INFO	510ppm NIOSH	NO	125.0	NO	NO

THIS PRODUCT CONTAINS ONE OR MORE MATERIALS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 318 OF THE EMERGENCY PLANNING AND THE COMMUNITY RIGHT-TO-KNOW ACTS OF 1986 AND OF 49 CFR 372.

N.A. - NOT APPLICABLE

**SECTION III - PHYSICAL DATA**

**BOILING RANGE :** -44- 169 F  
**ODOR :** MINT WHEN WET  
**APPEARANCE :** WHITE LIQUID  
**VOLATILE BY WEIGHT:** 82.3%  
**VOLATILE BY VOLUME:** 87.9%

**VAPOUR DENSITY :** IS HEAVIER THAN AIR  
**EVAPORATION RATE:** IS FASTER THAN BUTYL ACETATE  
**SOLUBILITY :** NEGLIGIBLE  
**PRODUCT DENSITY :** 5.8 LBS./GAL. (US)

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

**FLAMMABILITY CLASSIFICATION:**

**FLASH POINT: -156 F**      **LEL: 1.0 %**  
**(PENSKY-MARTENS CLOSED CUP)**      **UEL: 18.0 %**

**OSHA - FLAMMABLE LIQUID - CLASS 1A**  
**DOT - CONSUMER COMMODITY ORM-D**

**EXTINGUISHING MEDIA: WATER FOG   DRY CHEMICAL   CARBON DIOXIDE   FOAM**

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## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

UNUSUAL FIRE AND EXPLOSION HAZARDS: VAPORS ARE HEAVIER THAN AIR AND TRAVEL ALONG THE GROUND OR MAY BE MOVED BY VENTILATION AND IGNITED BY IGNITION SOURCES AT LOCATIONS DISTANT FROM MATERIAL HANDLING POINT. ALL 5 GAL PAILS AND LARGER SHOULD BE GROUNDED AND/OR BONDED DURING MATERIAL TRANSFERRAL. FOR AEROSOL PRODUCTS - EXPOSURE TO TEMPERATURES OVER 130F MAY CAUSE CONTAINERS TO BURST, RELEASING HIGHLY FLAMMABLE GAS.

SPECIAL FIREFIGHTING PROCEDURES: WEAR SELF-CONTAINED BREATHING APPARATUS WITH A FULL FACEPIECE OPERATED IN PRESSURE-DEMAND OR OTHER POSITIVE PRESSURE MODE WHEN FIGHTING FIRES.

## SECTION V - HEALTH HAZARD DATA

EFFECTS OF OVER EXPOSURE: EYE CONTACT: CAN CAUSE SEVERE IRRITATION, REDNESS, TEARING, BLURRED VISION. SKIN CONTACT: PROLONGED OR REPEATED CONTACT CAN CAUSE MODERATE IRRITATION, DEFATTING, DERMATITIS. INHALATION: EXCESSIVE INHALATION OF VAPORS CAN CAUSE NASAL AND RESPIRATORY IRRITATION, DIZZINESS, WEAKNESS, FATIGUE, NAUSEA, HEADACHE, POSSIBLE UNCONSCIOUSNESS, AND EVEN ASPHYXIATION. OVEREXPOSURE MAY CAUSE DAMAGE TO THE NERVOUS SYSTEM. OVEREXPOSURE TO THIS MATERIAL (OR ITS COMPONENTS) HAS APPARENTLY BEEN FOUND TO CAUSE THE FOLLOWING EFFECTS IN LABORATORY ANIMALS: KIDNEY DAMAGE, EYE DAMAGE,

MEDICAL CONDITIONS PRONE TO AGGRAVATION BY EXPOSURE: CENTRAL NERVOUS SYSTEM DISORDERS,

PRIMARY ROUTE(S) OF ENTRY: INHALATION DERMAL

EMERGENCY AND FIRST AID PROCEDURES: SKIN CONTACT: THOROUGHLY WASH EXPOSED AREA WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING. LAUNDRY CONTAMINATED CLOTHING BEFORE RE-USE. GET MEDICAL ATTENTION IF IRRITATION PERSISTS. EYE CONTACT: FLUSH WITH LARGE AMOUNTS OF WATER, LIFTING UPPER AND LOWER LIDS OCCASIONALLY, GET MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING. GIVE TWO GLASSES OF WATER IF CONSCIOUS. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. GET IMMEDIATE MEDICAL ATTENTION. INHALATION: REMOVE INDIVIDUAL TO FRESH AIR. IF BREATHING IS DIFFICULT, ADMINISTER OXYGEN. GIVE ARTIFICIAL RESPIRATION IF BREATHING HAS STOPPED. KEEP PERSON WARM, QUIET. GET MEDICAL ATTENTION.

## SECTION VI - REACTIVITY DATA

STABILITY: THIS PRODUCT IS STABLE UNDER NORMAL STORAGE CONDITIONS.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR UNDER NORMAL CONDITIONS.

HAZARDOUS DECOMPOSITION PRODUCTS: CARBON MONOXIDE AND CARBON DIOXIDE. VARIOUS HYDROCARBONS,

CONDITIONS TO AVOID: HEAT, SPARKS, WELDING ARCS, OPEN FLAME, AND STATIC ELECTRICITY.

INCOMPATIBILITY: OXIDIZING AGENTS. ACIDS, REDUCING AGENTS,