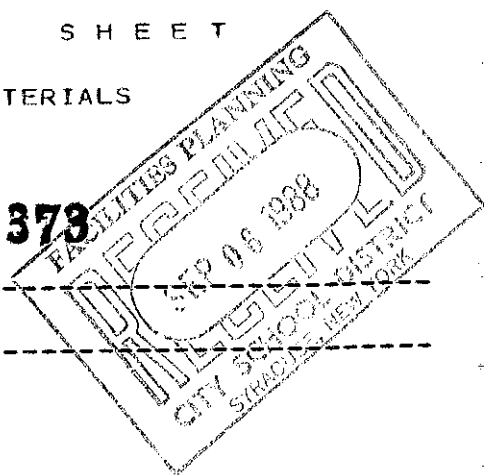


# M A T E R I A L   S A F E T Y   D A T A   S H E E T

FOR COATINGS, RESINS AND RELATED MATERIALS

DATE OF PREP  
9/02/88

000373



## SECTION I

MANUFACTURER'S NAME: STRATHMORE PRODUCTS INC  
ADDRESS: 1970 WEST FAYETTE STREET  
CITY, STATE AND ZIP CODE: SYRACUSE, NEW YORK 13201

EMERGENCY TELEPHONE NOS. DAY: 315 488-5401  
NIGHT: POISON CONTROL CENTER 315-476-4766

MANUFACTURERS CODE IDENTIFICATION: C50-0002S REV. 5/27/88  
PRODUCT CLASS: ALKYD MODIFIED POLYURETHANE AIR DRY CTG  
TRADE NAME: POLYTHANE CLEAR

## SECTION II - HAZARDOUS INGREDIENTS

INGREDIENT MATERIAL DESCRIPTION	% BY WEIGHT	TLV ACGIH PPM	PEL OSHA PPM	TLV MG/M3	LEL %	VP MM HG
MINERAL SPIRITS/ PETROLEUM DISTILLATE, CAS# 8032-32-4	48.20	100	N.EST		0.9	< 5.0

## SECTION III - PHYSICAL DATA

BOILING RANGE: 313-400 DEG F | WEIGHT PER GALLON 7.46  
VAPOR DENSITY: HEAVIER THAN AIR | % VOLATILE BY VOLUME: 54.7  
EVAPORATION RATE: SLOWER THAN ETHER

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

DOT CATEGORY: COMBUSTIBLE LIQUID  
FLASH POINT: 104 DEG F SETA FLASH | LEL: SEE SECTION II

EXTINGUISHING MEDIA: USE NATIONAL FIRE PROTECTION ASSOCIATION NFPA CLASS  
B EXTINGUISHERS (CARBON DIOXIDE, DRY CHEMICAL OR ALCOHOL FOAM) DESIGNED TO  
EXTINGUISH NFPA COMBUSTIBLE LIQUID FIRES.

UNUSUAL FIRE AND EXPLOSION HAZARDS: KEEP CONTAINERS TIGHTLY CLOSED.  
ISOLATE FROM HEAT, ELECTRICAL EQUIPMENT, SPARKS AND OPEN FLAME. CLOSED  
CONTAINERS MAY EXPLODE WHEN EXPOSED TO EXTREME HEAT. DO NOT APPLY TO HOT  
SURFACES.

SPECIAL FIREFIGHTING PROCEDURES: WEAR SELF-CONTAINED RESPIRATORY  
EQUIPMENT. WATER MAY BE USED TO COOL CLOSED CONTAINERS TO PREVENT  
PRESSURE BUILDUP AND POSSIBLE AUTO IGNITION OR EXPLOSION WHEN EXPOSED TO  
EXTREME HEAT. IF WATER IS USED, FOG NOZZLES ARE PREFERABLE

## SECTION V- HEALTH HAZARD DATA

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THRESHOLD LIMIT VALUE: SEE SECTION II

EFFECTS OF ACUTE (SHORT TERM) OVEREXPOSURE:

INHALATION: ANESTHETIC IRRITATION OF THE RESPIRATORY TRACT OR ACUTE NERVOUS SYSTEM DEPRESSION CHARACTERIZED BY HEADACHE, DIZZINESS, STAGGERING GAIT, CONFUSION, UNCONSCIOUSNESS OR COMA.

SKIN OR EYE CONTACT: PRIMARY IRRITATION.

EYE CONTACT WITH LIQUID CAUSES IRRITATION.

INGESTION: MAY BE HARMFUL IF SWALLOWED.

TOXICITY INFORMATION: PRODUCT HAS A LOW ORDER OF ACUTE ORAL TOXICITY, BUT MINUTE AMOUNTS ASPIRATED INTO THE LUNGS DURING INGESTION MAY CAUSE SEVERE PULMONARY INJURY OR DEATH.

EFFECTS OF CHRONIC (LONG TERM) OCCUPATIONAL OVEREXPOSURE:

REPEATED OR PROLONGED OCCUPATIONAL OVEREXPOSURE TO VAPORS MAY AFFECT THE CENTRAL NERVOUS SYSTEM.

NOTICE: REPORTS HAVE ASSOCIATED REPEATED AND PROLONGED OCCUPATIONAL OVEREXPOSURE TO SOLVENTS WITH PERMANENT BRAIN AND NERVOUS SYSTEM DAMAGE. INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING AND INHALING THE CONTENTS MAY BE HARMFUL OR FATAL.

REPEATED OR PROLONGED SKIN CONTACT MAY CAUSE DRYING AND DEFATTING OF THE SKIN, WHICH MAY LEAD TO DERMATITIS.

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 WATER. TAKE TO A PHYSICIAN FOR DEFINITIVE MEDICAL TREATMENT. SPLASH (SKIN): WASH AFFECTED AREA WITH WATER. REMOVE CONTAMINATED CLOTHING. CONSULT A PHYSICIAN.

WARNING: IF SWALLOWED, DO NOT INDUCE VOMITING; CALL A PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY.

MEDICAL CONDITIONS PRONE TO AGGRAVATION BY OVEREXPOSURE:  
EXPOSURE MAY AGGRAVATE PREEXISTING SKIN, EYE, AND RESPIRATORY DISORDERS.

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SECTION VI - REACTIVITY DATA  
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STABILITY: STABLE

CONDITIONS TO AVOID: EXCESSIVE HEAT, SPARKS, OPEN FLAME.

INCOMPATIBILITY (MATERIALS TO AVOID): CAN REACT WITH OXIDIZING MATERIALS WHEN HEATED TO DECOMPOSITION.

HAZARDOUS DECOMPOSITION PRODUCTS: ACRID FUMES, SMOKE AND 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 (FLAMES, HOT SURFACES AND ELECTRICAL, STATIC OR FRICTION SPARKS). AVOID BREATHING VAPORS. VENTILATE AREA. REMOVE WITH INERT ABSORBENT AND NON-SPARKING TOOLS. TRANSFER TO APPROPRIATE CONTAINER FOR DISPOSAL. KEEP OUT OF SEWERS, STORM DRAINS, SURFACE WATER AND SOIL.

WASTE DISPOSAL METHOD: DISPOSE IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. INCINERATE IN APPROVED FACILITY. DO NOT INCINERATE CLOSED CONTAINERS.

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#### SECTION VIII - SPECIAL PROTECTION INFORMATION

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RESPIRATORY PROTECTION AND VENTILATION: TO AVOID BREATHING VAPORS OR SPRAY MISTS, OPEN WINDOWS AND DOORS OR USE OTHER MEANS TO ENSURE FRESH AIR ENTRY DURING APPLICATION AND DRYING. IF EYE WATERING, HEADACHES OR DIZZINESS ARE EXPERIENCED, INCREASE FRESH AIR OR WEAR RESPIRATORY PROTECTION (NIOSH/MSHA TC23C RESPIRATORY OR EQUIVALENT), OR LEAVE AREA.

IF THIS PRODUCT IS APPLIED BY BRUSH OR ROLLER COAT IN OUTDOOR AREAS, RESPIRATORY EQUIPMENT IS NOT REQUIRED. HOWEVER, IF APPLIED BY SPRAY APPLICATION IN OUTDOOR OR OPEN AREAS, A NIOSH/MSHA APPROVED RESPIRATOR DESIGNED TO REMOVE SOLID AIRBORNE PARTICLES OF OVERSPRAY SHOULD BE WORN DURING SPRAY APPLICATION.

VENTILATION: GENERAL VENTILATION.

PROTECTIVE GLOVES: SOLVENT RESISTANT GLOVES REQUIRED FOR PROLONGED OR REPEATED CONTACT.

EYE PROTECTION: USE SAFETY EYEWEAR DESIGNED TO PROTECT AGAINST SPLASH OF LIQUIDS.

OTHER PROTECTIVE EQUIPMENT: PREVENT PROLONGED SKIN CONTACT TO CONTAMINATED CLOTHING.

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#### SECTION IX - SPECIAL PRECAUTIONS

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PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: DO NOT STORE ABOVE 120 DEG F. STORE LARGE QUANTITIES IN BUILDINGS DESIGNED AND PROTECTED FOR STORAGE OF NFPA CLASS 1C FLAMMABLE LIQUIDS.

OTHER PRECAUTIONS: CONTAINERS SHOULD BE GROUNDED WHEN POURING. AVOID FREE FALL OF LIQUID IN EXCESS OF A FEW INCHES. DO NOT FLAME CUT, BRAZE OR WELD WITHOUT MSHA/NIOSH APPROVED RESPIRATOR OR APPROPRIATE VENTILATION.

CAUTION: COMBUSTIBLE. KEEP AWAY FROM HEAT, SPARKS AND OPEN FLAMES. USE ONLY WITH ADEQUATE VENTILATION. AVOID PROLONGED BREATHING OF VAPOR OR SPRAY MIST. AVOID PROLONGED OR REPEATED CONTACT WITH SKIN. DO NOT TAKE INTERNALLY.

NOTICE: REPORTS HAVE ASSOCIATED REPEATED AND PROLONGED OCCUPATIONAL OVER-EXPOSURE TO SOLVENTS WITH PERMANENT BRAIN AND NERVOUS SYSTEM DAMAGE. INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING AND INHALING THE CONTENTS MAY BE HARMFUL OR FATAL.

USER'S RESPONSIBILITY: THE RESPONSIBILITY TO PROVIDE A SAFE WORKPLACE REMAINS WITH THE USER. THE USER SHOULD CONSIDER THE HEALTH HAZARDS AND SAFETY INFORMATION CONTAINED HEREIN AS A GUIDE AND SHOULD TAKE THOSE PRECAUTIONS REQUIRED IN AN INDIVIDUAL OPERATION TO INSTRUCT EMPLOYEES AND DEVELOP WORK PRACTICE PROCEDURES FOR A SAFE WORK ENVIRONMENT.

THE INFORMATION CONTAINED HEREIN IS, TO THE BEST OF OUR KNOWLEDGE, BELIEVED TO BE ACCURATE. HOWEVER, SINCE THE CONDITIONS OF HANDLING AND USE ARE BEYOND OUR CONTROL, WE MAKE NO GUARANTEE OF RESULTS, AND ASSUME NO LIABILITY FOR DAMAGES INCURRED BY USE OF THIS MATERIAL. IT IS THE RESPONSIBILITY OF THE USER TO COMPLY WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS.