

## SECTION I

MSDS NUMBER .....: 956251  
PART NUMBER .....: M-1030  
MSDS CODE .....: R FILM  
MSDS OTHER CODE ...:  
SYNONYMS .....: POLYVINYL ALCOHOL RELEASE FILM,  
PVOH RELEASE FILM,  
PVAL RELEASE FILM,  
PVA RELEASE FILM

MANUFACTURER .....: CHRIS CRAFT INDUSTRIAL PRODUCTS  
DIVISION .....: MONO-SOL  
MFG PART NUMBER ..: M-1030  
VENDOR .....: CHRIS CRAFT INDUSTRIAL PRODUCTS  
EMERGENCY PHONE ...: 800/237-9552  
OTHER CALLS .....: 219/762-3165  
ADDRESS .....: 407 COUNTY LINE ROAD  
CITY .....: GARY  
MSDS PREPARED BY ..: DENNIS T. CONLEY  
DATE PREPARED .....: 04/26/93  
STATE ...: IN ZIP ...: 46403

## SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

GRADE NAME .....: M-1030 FILM

INGREDIENT NAME	CAS	OSHA PEL	ACGIH TLV	OTHER	%
REGARDED AS NON-HAZARDOUS					

DOES NOT CONTAIN ANY SUBSTANCE LISTED IN OSHA STANDARD 29CFR 1910.1000 TO .1101

## SECTION III - CHEMICAL CHARACTERISTICS

BOILING POINT	MELTING POINT	FREEZING POINT	SPECIFIC GRAVITY (H2O = 1)
N/A	N/A	N/A	1.27-1.29
PERCENT VOLATILE by VOLUME	THEORETICAL VOC CONTENT (percent of WEIGHT)	WEIGHT PER GALLON	
N/A	N/A	N/A	

pH: N/A  
Conc: N/A

PVAB-04, -06, -08, -10, -12, 14, -16, -20 PVA Bags (Page 2 of 4)

VAPOR PRESSURE (mm of Hg) N/A	VAPOR DENSITY (Air = 1) N/A	DENSITY N/A	EVAPORATION RATE Basis (N/A )=1 Rate N/A
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SOLUBILITY IN WATER SOLUBLE IN HOT WATER	REACTIVITY IN WATER WATER SOLUBLE
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APPEARANCE AND ODOR:

Water white transparent film. May have a slight acetic acid odor.

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\* SECTION IV - FIRE AND EXPLOSION HAZARD DATA \*  
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FLASH POINT N/A	METHOD N/A	FLAMMABLE LIMITS IN AIR (%) UPPER = N/A LOWER = N/A	AUTOIGNITION TEMPERATURE N/A
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NFPA CODES: HEALTH .....: 1  
FLAMMABILITY ....: 1  
REACTIVITY .....: 0  
OTHER .....: 0

HMIS CODES: HEALTH .....: 1  
FLAMMABILITY ....: 1  
REACTIVITY .....: 0  
PROTECTION .....: A

EXTINGUISHER MEDIA: Water, carbon dioxide, dry chemical.

SPECIAL FIRE FIGHTING PROCEDURES:  
Treat as a Class A fire.

UNUSUAL FIRE AND EXPLOSION HAZARDS:  
Above 200 deg. C the following are evolved: acetaldehyde, croton aldehyde, acetone and other unknowns.

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\* SECTION V - REACTIVITY DATA \*  
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IS THIS CHEMICAL STABLE UNDER NORMAL CONDITIONS OF HANDLING/STORAGE (Y/N)? Y

CONDITIONS TO AVOID (REGARDING STABILITY):  
Temperatures above 200 deg. C

INCOMPATIBILITY (MATERIALS TO AVOID):  
None that creates a hazard.

HAZARDOUS DECOMPOSITION PRODUCTS:  
Above 200 deg. C the following are evolved: acetaldehyde, croton aldehyde, acetone, and other unknowns.

NAME: M-1030 FILM

HAZARDOUS POLYMERIZATION POSSIBLE (Y/N) ? N

CONDITIONS TO AVOID (REGARDING POLYMERIZATION):  
ne

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\* SECTION VI - HEALTH HAZARDS \*  
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ROUTES OF ENTRY: Inhalation as a dust and ingestion

SIGNS AND SYMPTOMS OF -  
ACUTE OVEREXPOSURE:  
None known

CHRONIC OVEREXPOSURE:  
No chronic effects are anticipated.

CHEMICAL LISTED AS A CARCINOGEN OR POTENTIAL CARCINOGEN  
NATIONAL TOXICOLOGY PROGRAM IARC MONOGRAPHS  
(Y/N): N (Y/N): N

OSHA  
(Y/N): N

MEDICAL CONDITIONS GENERALLY  
AGGRAVATED BY EXPOSURE:  
None are known.

EMERGENCY AND FIRST AID PROCEDURES

EMERGENCY PHONE NUMBER OF MANUFACTURER: 800/237-9552

1. INHALATION: Remove to fresh air. Treat as any irritate, symptomatically.
2. EYE CONTACT: Flush eyes with low pressure water for a minimum of 15 minutes. If any irritation persists, call a physician.
3. SKIN CONTACT: Wash with soap and running water.
4. INGESTION: Not a natural food, metabolism is unknown. Avoid ingestion. No chronic effects are anticipated.

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\* SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE \*  
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HAZARD CLASS ...: NOT RESTRICTED  
U.S. DOT ID ...:  
UN/NA NUMBER ...:

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:  
Store in dry place in moderate temperatures.

OTHER PRECAUTIONS:  
None

MATERIAL SAFETY DATA SHEET 330237  
 TRADE NAME: M-1030 FILM

04/20/80

# STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Sweep dry spills promptly. Avoid wetting spills as they become very slippery.

## WASTE DISPOSAL METHODS:

Dispose of as a non-hazardous waste. Federal, state, and local regulations should be observed when landfilling or otherwise disposing of the film.

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 \* SECTION VIII - CONTROL MEASURES \*  
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## RESPIRATORY PROTECTION:

None required for the film.

## VENTILATION REQUIREMENTS:

Adequate for industrial use

## LOCAL EXHAUST:

Adequate for industrial use

## MECHANICAL:

As required for industrial use

## SPECIAL:

None required

## OTHER:

None required

## PROTECTIVE GLOVES:

None required

## EYE PROTECTION:

Safety glasses as required by industrial operation.

## OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

None required

## WORK/HYGIENIC PRACTICES:

Standard practice for industrial operations.

\*\*\*\*\* GENERAL INFORMATION \*\*\*\*\*

## REGULATORY REQUIREMENTS:

SARA HAZARD CATEGORY: This product has been reviewed according to the EPA "Hazard Categories" promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

Not to have met any hazard category.