

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

4025A056 WB WHITE PEARL AD

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PRODUCT NAME: 4025A056 WB WHITE PEARL
PRODUCT CODE: 4025A056

HMIS CODES: H F R P
0 0 1 A0

===== SECTION I - MANUFACTURER IDENTIFICATION =====

MANUFACTURER'S NAME: A.P. NONWEILER COMPANY
ADDRESS : 3321 COUNTY ROAD A
 P.O. BOX 1007
 OSHKOSH, WI 54903-1007
EMERGENCY PHONE : 1-800-535-5053 DATE PRINTED : 10/9/2008
INFORMATION PHONE : (920) 231-0850 NAME OF PREPARER : GARY KANDELL

===== SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION =====

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR PRESSURE		WEIGHT
		mm Hg @ TEMP		PERCENT
2 BUTOXYETHANOL 25 PPM-SKIN	111-76-2	.6	20C	17.13
DIETHYLENE GLYCOL MONOBUTYL ETHER NOT ESTABLISHED	112-34-5	.01	20C	2.05
BUTYL BENZENE PHTHALATE;1,2-BENZENEDICARBOXYLIC ACID,BUTYL PHENYL METHYL 5 MG\M3	85-68-7	8.6X10-5	20C	1.76
25 PPM (SKIN)		1	20C	.88
MIXTURE NOT ESTABLISHED		>1	21C	.88
AMMONIUM HYDROXIDE SOLUTION 25 PPM TLV:	1336-21-6	420	15.5C	.40
1,6-HEXAMETHYLENE DIISOCYANATE BASED POLYISOCYANATE 0.5 MG\M3(TWA-AVERAGD OVER 8 HOURS	28182-81-2	7.5X10-5	20C	.00
ISOPHORONE DIISOCYANATE BASED POLYISOCYANATE .005 PPM SKIN	4098-71-9	3.7	59F	.00

THIS PRODUCT CONTAINS A CHEMICAL WHICH IS LISTED IN SECTION 313 AT OR ABOVE DE MINIMIS CONCENTRATIONS.
INFORMATION NOT AVAILABLE

===== SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS =====

BOILING RANGE: 212 - 442-447F SPECIFIC GRAVITY (H2O=1): 1.02
VAPOR DENSITY: NOT APPLICABLE EVAPORATION RATE: NOT APPLICABLE
COATING V.O.C.: 2.33 lb/gl MATERIAL V.O.C.: 1.66 lb/gl
SOLUBILITY IN WATER: SOLUBLE
APPEARANCE AND ODOR: SLIGHT AMMONICAL

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

FLASH POINT: 91F METHOD USED: SETA
FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: .26 UPPER: 27.0
EXTINGUISHING MEDIA: FOAM, CARBON DIOXIDE, DRY CHEMICAL, WATER FOG

SPECIAL FIREFIGHTING PROCEDURES
NONE REQUIRED

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UNUSUAL FIRE AND EXPLOSION HAZARDS
MATERIAL CAN SPLATTER ABOVE 100C/212F. DRIED PRODUCT CAN BURN.

===== SECTION V - REACTIVITY DATA =====

STABILITY: STABLE
CONDITIONS TO AVOID
FREEZING TEMPERATURES

INCOMPATIBILITY (MATERIALS TO AVOID)
NONE KNOWN.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS
THERMAL DECOMPOSITION OR COMBUSTION CAN PRODUCE FUMES CONTAINING ORGANIC ACIDS, CARBON DIOXIDE AND CARBON MONOXIDE.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR.

===== SECTION VI - HEALTH HAZARD DATA =====

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE
MAY CAUSE IRRITATION TO THE UPPER RESPIRATORY TRACT.

EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE
SEVERE IRRITATION, REDNESS, TEARING, AND BLURRED VISION. CAN CAUSE CHEMICAL BURN - DAMAGE IRREVERSIBLE.

SKIN CONTACT AND ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE
MAY CAUSE IRRITATION AND ALLERGIC REACTION.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE
MODERATELY TOXIC. MAY CAUSE MOUTH, THROAT, ESOPHAGUS AND STOMACH IRRITATION, NAUSEA, VOMITING AND DIARRHEA. ASPIRATION OF MATERIAL INTO LUNGS CAN CAUSE CHEMICAL PNEUMONITIS WHICH CAN BE FATAL.

HEALTH HAZARDS
STUDIES WITH RATS HAVE SHOWN A COMPONENT OF THIS MATERIAL TO HAVE MUTAGENIC EFFECTS.

REPORTS HAVE ASSOCIATED REPEATED OR 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.

AS A RESULT OF PREVIOUS REPEATED OVEREXPOSURES OR A SINGLE LARGE DOSE, CERTAIN INDIVIDUALS WILL DEVELOP ISOCYANATE SENSITIZATION (CHEMICAL ASTHMA) WHICH WILL CAUSE THEM TO REACT TO A LATER EXPOSURE TO ISOCYANATE AT LEVELS WELL BELOW THE TLV OR MGL. THESE SYMPTOMS, WHICH INCLUDE: CHEST TIGHTNESS, WHEEZING, COUGH, SHORTNESS OF BREATH OR ASTHMATIC ATTACK, COULD BE IMMEDIATE OR DELAYED UP TO SEVERAL HOURS AFTER EXPOSURE. SIMILAR TO MANY NON-SPECIFIC ASTHMATIC RESPONSES, THERE ARE REPORTS THAT ONCE SENSITIZED AN INDIVIDUAL CAN EXPERIENCE THESE SYMPTOMS UPON EXPOSURE TO DUST, COLD AIR OR OTHER IRRITANTS. THIS INCREASED LUNG SENSITIVITY CAN PERSIST FOR WEEKS AND IN SEVERE CASES FOR SEVERAL YEARS. CHRONIC OVEREXPOSURE TO ISOCYANATES HAS ALSO BEEN REPORTED TO CAUSE LUNG DAMAGE, INCLUDING DECREASE IN LUNG FUNCTION, WHICH MAY BE PERMANENT. SENSITIZATION MAY BE EITHER TEMPORARY OR PERMANENT.

CARCINOGENICITY: NTP CARCINOGEN: NO IARC MONOGRAPHS: NO OSHA REGULATED:
NO

INFORMATION NOT AVAILABLE

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE
NONE KNOWN.

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EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: FLUSH IMMEDIATELY WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION.

SKIN CONTACT: WASH CONTAMINATED AREA WITH SOAP AND WATER. CONSULT A PHYSICIAN IF IRRITATION PERSISTS.

INHALATION OF VAPORS OR SPRAY MIST: REMOVE TO FRESH AIR. GIVE ARTIFICIAL RESPIRATION IF BREATHING HAS STOPPED.

INGESTION: GET MEDICAL HELP IMMEDIATELY.

===== **SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE** =====

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

ABSORB WITH OIL-DRI OR SIMILAR INERT MATERIAL. SWEEP OR SCRAPE UP AND CONTAINERIZE. RINSE AFFECTED AREA THOROUGHLY WITH WATER. DO NOT LET SPILLED OR LEAKING MATERIAL ENTER WATERCOURSE. CONTAINS AMMONIA.

WASTE DISPOSAL METHOD

NO SPECIAL METHOD. OBSERVE ALL APPLICABLE FEDERAL/PROVINCIAL/STATE REGULATIONS AND LOCAL/MUNICIPAL ORDINANCES REGARDING DISPOSAL OF NON-HAZARDOUS WASTE.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

KEEP FROM FREEZING; MATERIAL MAY COAGULATE. THE MINIMUM RECOMMENDED STORAGE TEMPERATURE FOR THIS MATERIAL IS 1C/34F. THE MAXIMUM RECOMMENDED STORAGE TEMPERATURE FOR THIS MATERIAL IS 49C/120F.

OTHER PRECAUTIONS

INFORMATION NOT AVAILABLE

===== **SECTION VIII - CONTROL MEASURES** =====

RESPIRATORY PROTECTION

NO SPECIAL REQUIREMENTS UNDER NORMAL USE CONDITIONS.

VENTILATION

GENERAL ROOM VENTILATION ADEQUATE.

PROTECTIVE GLOVES

USE SOLVENT IMPERMEABLE GLOVES TO AVOID CONTACT WITH PRODUCT.

EYE PROTECTION

DO NOT GET IN EYES. USE SAFETY EYEWEAR WITH SPLASH GUARDS OR SIDE SHIELDS, CHEMICAL GOGGLES, FACE SHIELDS.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT

NONE.

WORK/HYGIENIC PRACTICES

WASH AT THE END OF EACH WORKSHIFT AND BEFORE EATING, SMOKING, OR USING THE TOILET. USE APPROPRIATE HAND AND SKIN LOTIONS TO PROTECT THE SKIN.

===== **SECTION IX - DISCLAIMER** =====

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The following boilerplate keys do not have matching boilerplate key prefixes in the MSDS Master Format file:

- EG01
- EY01
- FH01
- FI01
- OD06
- SK01
- SL01
- TR02
- TT03
