

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

Date Printed: 12/15/2010

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Product Code: 1700A168
Product Name: 1700A168 HIGH HEAT VISTA GREEN

A.P. NONWEILER COMPANY, 3321 COUNTY ROAD A, P.O. BOX 1007, OSHKOSH, WI 54903-1007

24-hour Emergency Phone: 1-800-535-5053

1. CHEMICAL PRODUCT AND COMPANY 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: 12/15/2010
INFORMATION PHONE: (920) 231-0850

HMIS CODES: H F R P
2 3 0 H

2. COMPOSITION/INFORMATION ON INGREDIENTS

Table with 3 columns: Component/Exposure Limits, CAS#, and % by Wt. listing various chemical ingredients and their concentrations.

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50 PPM TWA ACGIH		
POLYMERIC\FATTY ACID CONDENSATION POLYMER	64742-80-9	.13
COBALT ALKANOATE SOLUTION	8020-83-5	.03
2 MG\M3		
ETHYLENE GLYCOL MONOPROPYL ETHER 2-PROPOXYETHANOL	2807-30-9	.01
NONE ESTABLISHED		
METHYL ETHYL KETOXIME	MIXTURE	.01
* TOLUENE	108-88-3	.01
200 PPM TWA OSHA		
300 PPM CEIL OSHA		
500 PPM PEAK OSHA		

3. HAZARDS IDENTIFICATION

Potential Health Effects

EYE:
MAY CAUSE EYE IRRITATION. DIRECT CONTACT MAY CAUSE STINGING, TEARING AND REDNESS.

SKIN:
WARNING AVOID ALL CONTACT WITH SKIN. PENETRATES SKIN READILY. ANY CONTACT MAY RESULT IN THE ABSORPTION OF POTENTIALLY HARMFUL AMOUNTS WHICH CAN CAUSE DAMAGE TO THE KIDNEYS, LIVER, BLOOD AND/OR BONE MARROW.

INGESTION:
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.

INHALATION:
HIGH VAPOR/AEROSOL CONCENTRATIONS (GREATER THAN APPROXIMATELY 1000 PPM) ARE IRRITATING TO THE EYES AND THE RESPIRATORY TRACT, MAY CAUSE HEADACHES, DIZZINESS, ANESTHESIA, DROWSINESS, UNCONSCIOUSNESS, AND OTHER CENTRAL NERVOUS SYSTEM EFFECTS, INCLUDING DEATH.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE
OVEREXPOSURE TO VAPOR, DUST OR MIST MAY AGGRAVATE EXISTING RESPIRATORY CONDITIONS, SUCH AS ASTHMA, BRONCHITIS, AND INFLAMMATORY OR FIBROTIC RESPIRATORY DISEASE.

CHRONIC (CANCER) INFORMATION:
INFORMATION NOT AVAILABLE

TERATOLOGY (BIRTH DEFECT) INFORMATION:
INFORMATION NOT AVAILABLE

REPRODUCTION INFORMATION:
INFORMATION NOT AVAILABLE

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FIREFIGHTING INSTRUCTIONS:

THE USE OF SELF-CONTAINED BREATHING APPARATUS IS RECOMMENDED FOR FIRE FIGHTERS. WATER SPRAY MAY BE USED FOR COOLING CONTAINERS TO PREVENT POSSIBLE PRESSURE BUILD-UP AND AUTOIGNITION OR EXPLOSION WHEN EXPOSED TO EXTREME HEAT. AVOID SPREADING BURNING LIQUID WITH WATER USED FOR COOLING.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

VAPORS MAY CAUSE FLASH FIRE. KEEP CONTAINERS TIGHTLY CLOSED AND ISOLATE FROM HEAT, ELECTRICAL EQUIPMENT, SPARKS AND FLAME. NEVER USE WELDING OR CUTTING TORCH ON OR NEAR DRUM (EVEN EMPTY) BECAUSE PRODUCT (EVEN JUST RESIDUE) CAN IGNITE EXPLOSIVELY.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL:

REMOVE ALL SOURCES OF IGNITION (FLAMES, HOT SURFACES, AND ELECTRICAL, STATIC, OR FRICTIONAL SPARKS). AVOID BREATHING VAPORS. VENTILATE AREA. CONTAIN AND REMOVE WITH VERMICULITE OR OTHER INERT MATERIAL. PLACE IN A CONTAINER FOR CHEMICAL WASTE. IF LARGE SPILL, FLUSH SPILL AREA WITH WATER SPRAY AND PREVENT RUNOFF FROM ENTERING DRAINS, SEWERS, OR STREAMS.

LARGE SPILL:

IF LARGE SPILL, FLUSH SPILL AREA WITH WATER SPRAY AND PREVENT RUNOFF FROM ENTERING DRAINS, SEWERS, OR STREAMS.

7. HANDLING AND STORAGE

HANDLING:

STUDIES WITH RATS HAVE SHOWN A COMPONENT OF THIS MATERIAL TO HAVE MUTANOGENIC 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.

INHALATION OF VERY HIGH CONCENTRATIONS OF FINELY DIVIDED RESPIRABLE CRYSTALLINE SILICA DUST MAY CAUSE A RAPIDLY DEVELOPING SILICOSIS OR CANCER.

STORAGE:

DO NOT STORE ABOVE 120 DEG.F. STORE LARGE QUANTITIES IN BUILDINGS DESIGNED TO COMPLY WITH OSHA 1910.106. KEEP AWAY FROM HEAT, SPARKS AND FLAME. KEEP CONTAINERS CLOSED WHEN NOT IN USE AND UPRIGHT TO PREVENT LEAKAGE.

OTHER PRECAUTIONS:

AVOID CONTACT WITH SKIN OR EYES. WASH THOROUGHLY AFTER HANDLING.

HOT ORGANIC CHEMICAL VAPORS OR MISTS ARE SUSCEPTIBLE TO SUDDEN SPONTANEOUS COMBUSTION WHEN MIXED WITH AIR. IGNITION MAY OCCUR AT TEMPERATURES BELOW THOSE PUBLISHED IN THE LITERATURE AS "AUTOIGNITION" OR "IGNITION" TEMPERATURES. IGNITION TEMPERATURES DECREASE WITH INCREASING VAPOR VOLUME AND VAPOR/AIR CONTACT TIME, AND ARE INFLUENCED BY PRESSURE CHANGES.

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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS:

USE LOCAL EXHAUST VENTILATION WITH A MINIMUM CAPTURE VELOCITY OF 100 FT/MIN. (0.5 M/SEC.) AT THE POINT OF VAPOR EVOLUTION. REFER TO THE CURRENT EDITION OF INDUSTRIAL VENTILATION: A MANUAL OF RECOMMENDED PRACTICE PUBLISHED BY THE AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS FOR INFORMATION ON THE DESIGN, INSTALLATION, USE, AND MAINTENANCE OF EXHAUST SYSTEMS.

RESPIRATORY PROTECTION:

DO NOT BREATHE VAPORS. WHEN CONCENTRATIONS EXCEED THE ESTABLISHED EXPOSURE LIMITS, WEAR AN APPROPRIATE, PROPERLY FITTED RESPIRATOR (NIOSH/MSHA APPROVED) UNTIL VAPORS ARE EXHAUSTED. FOLLOW RESPIRATOR MANUFACTURER'S DIRECTIONS FOR RESPIRATOR USE. OBSERVE OSHA STANDARD 29CFR 1910.134.

VENTILATION:

PROVIDE GENERAL CLEAN AIR DILUTION OR LOCAL EXHAUST VENTILATION IN VOLUME AND PATTERN TO KEEP THE AIR CONTAMINANT CONCENTRATION BELOW THE LOWER EXPLOSION LIMIT AND BELOW CURRENT APPLICABLE EXPOSURE LIMITS. REFER TO OSHA STANDARD 1910.94.

SKIN PROTECTION:

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

AVOID CONTACT WITH SKIN. USE PROTECTIVE CLOTHING. PREVENT CONTACT WITH CONTAMINATED CLOTHING. WASH CONTAMINATED CLOTHING, INCLUDING SHOES, BEFORE REUSE.

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.

9. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT: 126.5F
MELTING POINT: INFORMATION NOT AVAILABLE
VAPOR PRESSURE: INFORMATION NOT AVAILABLE
VAPOR DENSITY: HEAVIER THAN AIR
SOLUBILITY IN WATER: INSOLUBLE
SPECIFIC GRAVITY: 1.08
EVAPORATION RATE: SLOWER THAN BUTYL ACETATE
pH: INFORMATION NOT AVAILABLE
ODOR: INFORMATION NOT AVAILABLE
APPEARANCE: INFORMATION NOT AVAILABLE

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10. STABILITY AND REACTIVITY

CHEMICAL STABILITY (CONDITIONS TO AVOID):

STABLE

INCOMPATIBILITY:

STRONG ACIDS AND STRONG OXIDIZING AGENTS.

CONDITIONS TO AVOID:

ELEVATED TEMPERATURES

SOURCES OF IGNITION

HAZARDOUS DECOMPOSITION PRODUCTS:

INFORMATION NOT AVAILABLE

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR.

11. TOXICOLOGICAL INFORMATION

EYE:

INFORMATION NOT AVAILABLE

SKIN:

INFORMATION NOT AVAILABLE

INGESTION:

INFORMATION NOT AVAILABLE

INHALATION:

INFORMATION NOT AVAILABLE

SUBCHRONIC: INFORMATION NOT AVAILABLE

CHRONIC/CARCINOGENICITY: INFORMATION NOT AVAILABLE

TERATOLOGY: INFORMATION NOT AVAILABLE

REPRODUCTION: INFORMATION NOT AVAILABLE

MUTAGENICITY: INFORMATION NOT AVAILABLE

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: INFORMATION NOT AVAILABLE

CHEMICAL FATE INFORMATION:

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13. DISPOSAL CONSIDERATIONS

DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. DO NOT INCINERATE CLOSED CONTAINERS. INCINERATE IN APPROVED FACILITY.

14. TRANSPORT INFORMATION (Not meant to be all inclusive)

US DOT HAZARD CLASS: 3 UN1263 FLAMMABLE

15. REGULATORY INFORMATION

(Not meant to be all inclusive - selected regulations represented)

U.S. FEDERAL REGULATIONS:

INFORMATION NOT AVAILABLE

OSHA:

INFORMATION NOT AVAILABLE

CERCLA: SARA HAZARD CATEGORY:

INFORMATION NOT AVAILABLE

SECTION 313:

INFORMATION NOT AVAILABLE

Component/Exposure Limits	CAS#	% by Wt.
MINERAL SPIRITS	64742-88-7	18.89
100 PPM ACGIH TLV		
500 PPM OSHA PEL		
MIXED XYLENES (LIMITED PARAXYLENE CONTENT), ETHYLBENZENE	1330-20-7	13.98
100 PPM TWA OSHA		
n-PROPYL ACETATE	109-60-4	.17
200 PPM TWA OSHA		
200 PPM TWA ACGIH		
250 PPM STEL ACGIH		
COBALT ALKANOATE SOLUTION	8020-83-5	.03
2 MG\M3		
TOLUENE	108-88-3	.01
200 PPM TWA OSHA		
300 PPM CEIL OSHA		
500 PPM PEAK OSHA		

TOXIC SUBSTANCES CONTROL ACT: INFORMATION NOT AVAILABLE

Component/Exposure Limits	CAS#	% by Wt.
TOLUENE	108-88-3	.01
200 PPM TWA OSHA		
300 PPM CEIL OSHA		

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500 PPM PEAK OSHA

INTERNATIONAL REGULATIONS:

CANADIAN WHMIS:
INFORMATION NOT AVAILABLE

CANADIAN ENVIRONMENTAL PROTECTION ACT (CEPA): INFORMATION NOT AVAILABLE

EINECS: ALL COMPONENTS OF THIS PRODUCT ARE INCLUDED IN THE EUROPEAN INVENTORY OF EXISTING (EINECS) OR ARE POLYMERS OF WHICH THE COMPONENTS ARE IN EINECS, IN COMPLIANCE WITH COUNCIL DIRECTIVE 67/548/EEC AND ITS AMENDMENTS.

STATE REGULATIONS:

NEW JERSEY

THE FOLLOWING MATERIALS ARE NON-HAZARDOUS, BUT ARE AMONG THE TOP FIVE COMPONENTS IN THIS PRODUCT:

Table with 3 columns: Component/Exposure Limits, CAS#, % by Wt. Rows include MINERAL SPIRITS, MIXED XYLENES, n-BUTYL ACETATE, and TOLUENE with their respective exposure limits and percentages.

PENNSYLVANIA

THE FOLLOWING NON-HAZARDOUS INGREDIENTS ARE PRESENT IN THE PRODUCT AT GREATER THAN 3%:

Table with 3 columns: Component/Exposure Limits, CAS#, % by Wt. Rows include SILICONE MODIFIED LONG OIL ALKYD, MIXED XYLENES, and n-BUTYL ACETATE with their respective exposure limits and percentages.

CALIFORNIA

THE CHEMICAL(S) NOTED BELOW AND CONTAINED IN THIS PRODUCT, ARE KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER:

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Component/Exposure Limits	CAS#	% by Wt.
MIXED XYLENES (LIMITED PARAXYLENE CONTENT), ETHYLBENZENE 100 PPM TWA OSHA	1330-20-7	13.98
COBALT ALKANOATE SOLUTION 2 MG\M3	8020-83-5	.03
TOLUENE 200 PPM TWA OSHA 300 PPM CEIL OSHA 500 PPM PEAK OSHA	108-88-3	.01

VOLATILE ORGANIC COMPOUNDS: 3.95 lb/g1

16. OTHER INFORMATION

MSDS Status: INFORMATION NOT AVAILABLE

THIS DOCUMENT HAS BEEN PREPARED USING DATA FROM SOURCES CONSIDERED TECHNICALLY RELIABLE. IT DOES NOT CONSTITUTE A WARRANTY, EXPRESS OR IMPLIED, AS TO THE ACCURACY OF THE INFORMATION CONTAINED HEREIN. ACTUAL CONDITIONS OF USE AND HANDLING ARE BEYOND SELLER'S CONTROL. USER IS RESPONSIBLE TO EVALUATE ALL AVAILABLE INFORMATION WHEN USING PRODUCT FOR ANY PARTICULAR USE AND TO COMPLY WITH ALL FEDERAL, STATE, PROVINCIAL AND LOCAL LAWS AND REGULATIONS.

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

EF01

NP02
