

Product Code: 1700F150  
 Product Name: 1700F150 HI TEMP ALUM #7

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

**H M I S   C O D E S :   H F R P**  
 2 3 0 H

**2. COMPOSITION/INFORMATION ON INGREDIENTS**

Component/Exposure Limits	CAS#	% by Wt.
SILICONE MODIFIED LONG OIL ALKYD 100 PPM	MIXTURE	44.37
* MIXED XYLENES (LIMITED PARAXYLENE CONTENT), ETHYLBENZENE 100 PPM TWA OSHA	1330-20-7	17.53
MINERAL SPIRITS 100 PPM ACGIH TLV 500 PPM OSHA PEL	64742-88-7	17.30
* TOLUENE 200 PPM TWA OSHA 300 PPM CEIL OSHA 500 PPM PEAK OSHA	108-88-3	12.78
* SOL.OF SALT OF UNSATURATED AMIDES AND HIGHER WEIGHT ACIDIC ESTERS	PROPRIETARY	.15
ZIRCONIUM 2-ETHYLHEXANOATE SOLUTION 5 MG/M3 AS Zr	MIXTURE	.10
COBALT ALKANOATE SOLUTION 2 MG\M3	8020-83-5	.10
METHYL ETHYL KETOXIME	MIXTURE	.05

**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.

Product Code: 1700F150  
Product Name: 1700F150 HI TEMP ALUM #7

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

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

**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

**CARCINOGENICITY: NTP CARCINOGEN: NO**

**IARC MONOGRAPHS: NO**

**OSHA REGULATED: NO**

**4. FIRST AID MEASURES**

**EYES:**

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

**SKIN:**

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

**INGESTION:**

IF SWALLOWED, GIVE 2 GLASSES OF WATER TO DRINK. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. SEE A PHYSICIAN.

**INHALATION:**

RESCUERS SHOULD PUT ON APPROPRIATE PROTECTIVE GEAR. REMOVE FROM AREA OF EXPOSURE. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN. KEEP VICTIM WARM. GET IMMEDIATE MEDICAL ATTENTION.

**NOTE TO PHYSICIANS:**

ASPIRATION MAY CAUSE SEVERE LUNG DAMAGE. EVACUATE STOMACH IN A WAY WHICH AVOIDS ASPIRATION. CONTAINS TOLUENE. ALCOHOL MAY ENHANCE TOXIC EFFECTS. STIMULANTS SUCH AS EPINEPHRINE MAY INDUCE VENTRICULAR FIBRILLATION. THE METABOLISM OF OTHER SOLVENTS MAY BE INHIBITED RESULTING IN A POTENTIATION OF TOXIC EFFECTS OF THOSE CHEMICALS. UPTAKE IS DIRECTLY PROPORTIONAL TO THE AMOUNT OF BODY FAT. BLOOD LEVELS MAY BE CUMULATIVE WHEN EXPOSURE IS EXTENDED.



Product Code: 1700F150  
Product Name: 1700F150 HI TEMP ALUM #7

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

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

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.

**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.

**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.

Product Code: 1700F150  
Product Name: 1700F150 HI TEMP ALUM #7

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

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

**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: 210-290F  
MELTING POINT: INFORMATION NOT AVAILABLE  
VAPOR PRESSURE: INFORMATION NOT AVAILABLE  
VAPOR DENSITY: HEAVIER THAN AIR  
SOLUBILITY IN WATER: INSOLUBLE  
SPECIFIC GRAVITY: .96  
EVAPORATION RATE: SLOWER THAN BUTYL ACETATE  
pH: INFORMATION NOT AVAILABLE  
ODOR: INFORMATION NOT AVAILABLE  
APPEARANCE: INFORMATION NOT AVAILABLE

**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

Product Code: 1700F150  
Product Name: 1700F150 HI TEMP ALUM #7

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

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

**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:**

**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.
MIXED XYLENES (LIMITED PARAXYLENE CONTENT), ETHYLBENZENE 100 PPM TWA OSHA	1330-20-7	17.53
MINERAL SPIRITS 100 PPM ACGIH TLV	64742-88-7	17.30

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

Page: 7

Product Code: 1700F150
Product Name: 1700F150 HI TEMP ALUM #7

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

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

Table with 3 columns: Component/Exposure Limits, CAS#, % by Wt. Includes rows for TOLUENE (500 PPM OSHA PEL, 200 PPM TWA OSHA, 300 PPM CEIL OSHA, 500 PPM PEAK OSHA) and COBALT ALKANOATE SOLUTION (2 MG\M3).

TOXIC SUBSTANCES CONTROL ACT: INFORMATION NOT AVAILABLE

Table with 3 columns: Component/Exposure Limits, CAS#, % by Wt. Includes rows for TOLUENE (200 PPM TWA OSHA, 300 PPM CEIL OSHA, 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. Includes rows for MIXED XYLENES (LIMITED PARAXYLENE CONTENT), ETHYLBENZENE (100 PPM TWA OSHA), MINERAL SPIRITS (100 PPM ACGIH TLV, 500 PPM OSHA PEL), and TOLUENE (200 PPM TWA OSHA, 300 PPM CEIL OSHA, 500 PPM PEAK OSHA).

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.

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

Page: 8

Product Code: 1700F150
Product Name: 1700F150 HI TEMP ALUM #7

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

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

Table with 3 columns: Component/Exposure Limits, CAS#, % by Wt. Includes entries for SILICONE MODIFIED LONG OIL ALKYD, MIXED XYLENES, and TOLUENE.

CALIFORNIA

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

Table with 3 columns: Component/Exposure Limits, CAS#, % by Wt. Repeats information for MIXED XYLENES and TOLUENE, and adds COBALT ALKANOATE SOLUTION.

VOLATILE ORGANIC COMPOUNDS: 3.81 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.

The following boilerplate keys do not have matching boilerplate key prefixes in the MSDS Master Format file: EF01 NP02