

Safety Data Sheet

1. IDENTIFICATION

Product Name: On Guard™ White Primer #315

Product Number: AA-201-01
AA-201-05

Manufacturer Name: AWC II Inc.

Manufacturer Address: PO Box 561
Smithville, MO USA 64089

Contact Information: (816) 227-3326
(877) 374-0206 (U.S. Only)

For emergencies in the United States call INFOTRAC: (800) 535-5053
For emergencies outside the United States call INFOTRAC: (352) 323-3500

2. HAZARD IDENTIFICATION

Appearance White liquid

Physical state Liquid

Odor Solvent Ketone

Classification

Acute toxicity . Inhalation (Dusts/Mists)	Category 4
Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2
Carcinogenicity	Category 2
Specific target organ toxicity (single exposure)	Category 3
Flammable Liquids	Category 2

Hazards Not Otherwise Classified (HNOC)

May be harmful in contact with skin

Signal Word

Danger

Hazard statements

Harmful if inhaled
Causes skin irritation
Causes serious eye irritation
Suspected of causing cancer
May cause respiratory irritation. May cause drowsiness or dizziness
Highly flammable liquid and vapor



Precautionary Statements - Prevention

Obtain special instructions before use
Do not handle until all safety precautions have been read and understood
Use personal protective equipment as required
Avoid breathing dust/fume/gas/mist/vapors/spray
Use only outdoors or in a well-ventilated area
Wash face, hands and any exposed skin thoroughly after handling
Wear eye/face protection
Keep away from heat/sparks/open flames/hot surfaces. - No smoking
Keep container tightly closed
Ground/bond container and receiving equipment
Use explosion-proof equipment
Use only non-sparking tools
Take precautionary measures against static discharge
Keep cool

Precautionary Statements - Response

If exposed or concerned: Get medical advice/attention
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses. Continue Rinsing
If eye irritation persists: Get medical advice/attention
IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
If skin irritation occurs; Get medical advice/attention
Wash contaminated clothing before reuse
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
In case of fire: Use CO₂, dry chemical, or foam for extinction

Precautionary Statements - Storage

Store locked up
Store in a well-ventilated place. Keep container tightly closed

Precautionary Statements – Disposal

Dispose of contents/container to an approved waste disposal plant

Other hazards

Toxic to aquatic life with long lasting effects

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS #	UN #	EC #	Percent by Weight
Resin	Proprietary			<17%
Xylene	1330-20-7	UN 1307	215-535-7	<18%
VM&P Naphtha	8032-32-4	UN 1271	232-453-7	<20%
Acetone	67-64-1	UN 1090	200-662-2	<10%
Inert Pigments				<35%
Driers				<1%

4. FIRST AID MEASURES

Eye Contact:	Immediately flush eyes with plenty of water for 15 to 20 minutes while holding eyelids open. Get medical attention, if irritation or symptoms of overexposure persists.
Skin Contact:	Immediately wash skin with mild soap and plenty of water. Apply skin cream if skin becomes excessively dry. Get medical attention if irritation develops or persists.
Inhalation:	If inhaled, remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Seek immediate medical attention.
Ingestion:	Aspiration hazard. If swallowed, do NOT induce vomiting. Call a physician immediately. Never give anything by mouth to an unconscious person.

5. FIRE FIGHTING MEASURES

Flash Point:	-4 •F
Flash Point Method:	n/a
Upper Flammable or Explosive Limit:	n/a
Lower Flammable or Explosive Limit:	n/a
Extinguishing Media:	Foam, Dry Chemical, Carbon Dioxide, Water Fog
Fire Fighting Instructions:	Combustible. Evacuate area and fight fire from a safe distance. Water may be used to cool closed containers to prevent pressure buildup and possible auto ignition or explosion. As in any fire, wear self-contained breathing apparatus and full protective clothing.
Unusual Fire Hazards:	Combustible liquid. At elevated temperatures, vapors can form an ignitable mixture with air. Vapors can flow along surfaces to distant ignition sources and flash back. Low flash point. Static electricity should be avoided.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Use proper personal protective equipment as detailed in section 8.
Spill Cleanup Measures:	Remove all sources of ignition. Provide adequate ventilation. Absorb spill with inert material (e.g., dry sand or earth). Do NOT use combustible materials such as sawdust. Then place in a chemical waste container using a non sparking tool. Dispose of according to local, state (provincial) and federal regulations. Do not incinerate closed containers.
Environmental Precautions:	Avoid runoff into storm sewers, ditches, and waterways.

7. HANDLING AND STORAGE

Handling:	Use with adequate ventilation. Avoid breathing vapor and contact with eyes, skin, and clothing. Materials will accumulate static charges which may cause an electrical spark (ignition source). Use proper grounding procedures.
Storage:	Store in a cool, dry, well ventilated area away from sources of heat, combustible materials, sources of static electricity, and incompatible substances. Keep container closed when not in use.
Work Practices:	To reduce the potential for static discharge, bond and ground containers when transferring material.
Hygiene Practices:	Wash hands thoroughly after handling. Avoid contact with eyes and skin. Avoid inhaling vapor or mist.
Special Handling Procedures:	Do not reuse containers without proper cleaning or reconditioning. Follow all MSDS precautions even after container is emptied because it may retain product residues.
Important Storage and Disposal:	DANGER! Rags, steel wool and waste soaked with this product may spontaneously catch fire if improperly discarded or stored.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls:	Use appropriate engineering control such as process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Prevent build-up of vapors by opening all doors and windows to achieve cross-ventilation. Isolating operations can also reduce exposure.
Skin Protection Description:	Chemical resistant gloves and chemical goggles, face shield, and synthetic apron or coveralls should be used to prevent contact with eyes, skin or clothing.
Hand Protection Description:	Nitrile or Neoprene gloves may afford adequate skin protection. Consult glove manufacturer's data for permeability data.
Eye/Face Protection:	Wear appropriate protective glasses or splash goggles as described by 29 CFR 1910.133, OSHA eye and face protection regulation, or the European standard EN 166.
Respiratory Protection:	A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use. A NIOSH/MSHA approved air-purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection by air purifying respirators is limited. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air purifying respirators may not provide adequate protection.
Other Protective:	Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Refer to safety supervisor or industrial hygienist for further information regarding personal protective equipment and its application.

Ingredients Guidelines	Guideline Type	Guideline Information
Xylene	OSHA PEL-TWA	100 ppm (475 mg/m ³)
	ACGIH TLV-TWA	100 ppm (475 mg/m ³)
VM&P Naphtha	ACGIH TLV-STEL	150 ppm
	OSHA PEL-TWA	300 ppm
	ACGIH TLV-TWA	300 ppm
Acetone	ACGIH TLV-STEL	400 ppm
	OSHA PEL-TWA	750 ppm
	ACGIH TLV-TWA	750 ppm
	ACGIH TLV-STEL	1000 ppm

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State/Appearance:	White liquid
Odor:	Solvent/Ketone-type odor
pH:	No Data
Vapor Density:	No Data
Molecular Formula:	Mixture
Molecular Weight:	Mixture
Boiling Point:	131°F-289°F 55°C-143°C
Evaporation Rate:	Slower than Butyl Acetate
Percent Volatile by Volume:	No Data
Specific Gravity(H₂O=1):	1.0457
Flash Point:	0-10 °F

10. STABILITY AND REACTIVITY

Chemical Stability:	Stable under normal temperatures and pressures
Conditions to Avoid:	Avoid all possible sources of ignition (e.g., heat, flames, sparks). Incompatible materials. Freezing or temperatures below 32 °F.
Incompatibilities with Other Materials:	Incompatible with strong oxidizing agents, strong acid and strong alkalis.
Hazardous Polymerization:	Will not occur under normal conditions.
Hazardous Decomposition Products:	When heated to decomposition, may emit acrid smoke and irritating fumes. By open flame, thermal decomposition produces carbon dioxide and carbon monoxide.

11. TOXICOLOGICAL INFORMATION

Xylene:

Eye - Rabbit; Standard Draize: 87mg; Mild
Eye - Rabbit; Standard Draize: 5 mg/24H; Severe. (RTECS)

Skin - Rabbit; Standard Draize: 100%; Moderate.
Skin - Rabbit; Standard Draize: 500 mg/24H; Moderate

Ingestion - Rat LD50: 4300 mg/kg; Liver - other changes; Kidney, Ureter, Bladder - other changes
Ingestion - Mouse LD50: 2119 mg/kg; Details of toxic effects not reported other than lethal dose value (RTECS)

Inhalation Effects: Inhalation - Rat LC50: 5000 ppm/4H; Details of toxic effects not reported other than lethal dose value (RTECS)

Carcinogenicity: IARC: Group 3: Unclassifiable as to carcinogenicity to humans.

National Water Quality Standard: Value: 10 mg/L (Reference: SDWA-MCL)

VM&P Naphtha:

LC50 Rat: 3400 ppm/4 hr

Acetone:

LD50 Rat: 9800 mg/kg
LD50 Mouse: 5250mg/kg
LD50 Rabbit: 5600-8000 mg/kg
LC50 Rat: 76mg/l/4 hr

12. ECOLOGICAL INFORMATION

Ecotoxicity: No complete ecotoxicity data was found for the product. Below please find information relative to its components. The product should not be allowed to enter drains, storm drains or sewer systems. Do not allow to enter water courses or be deposited where it can affect ground or surface waters.

Xylene: Species: Goldfish
LD50: 13 mg/L/24-hr

Species: Rainbow Trout
LC50: 13.5 mg/L/96-hr

Species: Fathead minnow
LC50: 46 mg/L/1-hr; 42 mg/L/24-96-hr at 18-22 degrees C

VM&P Naphtha: No ecotoxicity studies have been done on fish or aquatic invertebrates using straight-run naphthas. However, by inference from studies done with other gasoline components, and with unleaded gasoline, the expected values for LC50 fish and EC50 daphnia would be in the range 10 to 100 mg/l.
Source: CEPESA MADRID

Acetone: Type: Flow through
Species: Salmo gairdneri (Fish, Fresh Water, Estuary)
LC50: 6100 mg/l/24 hr
Source: Phenolchemie GmbH Gladbeck

Species: Daphnia cucullata (Crustacea)
LC50: 7635 mg/l/48 hr
Source: Phenolchemie GmbH Gladbeck

13. DISPOSAL CONSIDERATIONS

Waste Disposal: Consult with the US EPA Guidelines listed in 40 CFR Part 261.3 for the classifications of hazardous waste prior to disposal. Furthermore, consult with state and local waste requirements or guidelines, if applicable, to ensure compliance. Arrange disposal in accordance to the EPA and/or state and local guidelines.

14. TRANSPORT INFORMATION

DOT Proper Shipping Name: Paint
DOT Hazard Class: 3
DOT UN/NA Number: UN1263
DOT Packing Group: II
Label Codes: 3
Special Provisions (§ 172.102): 149, B52, IB2
Packaging ((§ 173.*):** Exceptions: 150, Non bulk: 173, Bulk: 242
Quantity Limitations: Passenger Aircraft/Rail: 5 L, Cargo Aircraft Only: 60 L
Vessel Stowage: Location - B
Marine Pollutant: YES

15. REGULATORY INFORMATION

Xylene:

TSCA: listed
SARA Title III Sect. 304: n/a
CERCLA RQ: 100 lbs
SARA Title III Sect 313 (TRI): 313 listed
RCRA Code: U239

This chemical substance is not listed in a priority list (as foreseen under Council Regulation (EEC) No 793/93 on the evaluation and control of the risks of existing substances.).

Risk Phrases

R 10 Flammable
R20/21 Harmful by Inhalation and in contact with skin
R 38 Irritating to Skin

Safety Phrases

S 2 Keep out of the Reach of Children
S 25 Avoid contact with eyes

VM&P Naphtha:

TSCA: n/a
SARA Title III Sect. 304: n/a
CERCLA RQ: n/a
SARA Title III Sect 313 (TRI): n/a
RCRA Code: n/a

This chemical substance is not listed in a priority list (as foreseen under Council Regulation (EEC) No 793/93 on the evaluation and control of the risks of existing substances.).

Risk Phrases

R 45 May cause cancer
R 65 Harmful: may cause lung damage if swallowed

Safety Phrases

S 53 Avoid exposure . obtain special instructions before use
S 45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible)

15. REGULATORY INFORMATION - CONTINUED

Acetone:

TSCA: listed
SARA Title III Sect. 304: n/a
CERCLA RQ: 5,000 lbs
SARA Title III Sect 313 (TRI): n/a
RCRA Code: U002

This chemical substance is not listed in a priority list (as foreseen under Council Regulation (EEC) No 793/93 on the evaluation and control of the risks of existing substances.).

Risk Phrases

R 11 Highly Flammable
R 36 Irritating to Eyes
R 66 Repeated Exposure May Cause Skin Dryness or Cracking
R 67 Vapors may cause Drowsiness and Dizziness

Safety Phrases

S 2 Keep out of the Reach of Children
S 9 Keep Container in a Well-Ventilated Area
S 16 Keep Away from Sources of Ignition - No Smoking
S 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

16. OTHER INFORMATION

SDS Preparation Date: 04-05-2004

SDS Revision Date: 11-28-2016

Sources: ~ EPA List of Lists website . Consolidated List of Chemicals Subject to the Emergency Planning and Community Right-to-Know Act (EPCRA) & Section 112(r) of the Clean Air Act.
~ European Chemical Substance Information System website
~ Scorecard Pollution Information website
~ Federal Register Part II: Department of Transportation Research and Special Programs Administration 49 CFR Parts 171, 172, et al. Harmonization With the United Nations Recommendations, International Maritime Dangerous Goods Code, and International Civil Aviation Organization Technical Instructions; Final Rule

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