

MATERIAL SAFETY DATA SHEET

PRODUCT NAME:

**A-60 ODORLESS 7119**

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Blanket and Roller Wash for Sheetfed and Web Presses

**SECTION 1 - COMPANY IDENTIFICATION**

**Distributed By:** Fujifilm Graphic Systems, USA, Inc., 200 Summit Lake Drive, Valhalla, NY 10595  
Information Telephone Number: 866-617-8473

**Formulated/Manufactured By:** Tower Products, Inc., 2703 Freemansburg Avenue, Easton, PA 18042  
Information Telephone number: 1-800-527-8626 or 610-253-6206

**For Chemical Spill Emergency:** Call 1-800-424-9300 (USA)

FOR INDUSTRIAL USE ONLY....USE ONLY AS DIRECTED....DO NOT TAKE INTERNALLY!

**SECTION 2 - COMPOSITION / INFORMATION ON INGREDIENTS**

Ingredients	CAS Number	Wt. %	OSHA PEL	ACGIH
			(mg/m3)	(mg/m3)
Aliphatic Hydrocarbons	8052-41-3	45-55 %	100ppm	100ppm
Aromatic Hydrocarbon	64742-95-6	40-50%	NE	NE
Cumene	98-82-8	1-5%		
Xylene (mixed isomers)	1330-20-7	1-5%		
1,2,4-Trimethylbenzene	95-63-6	15-30%		
Nonylphenol Ethoxylates		1-5%		

NE=Not Established

**SECTION 3 - HAZARDS IDENTIFICATION**

**EMERGENCY OVERVIEW**

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Appearance: Clear, colorless, liquid

Odor: Mild solvent

Avoid contact with eyes, skin or clothing. Avoid breathing mist or vapor. Do not swallow. Wear chemical safety goggles & neoprene gloves and apron. Wash thoroughly after handling. Keep container closed when not in use. Use only with adequate ventilation. May produce hazardous gases under fire conditions. During emergencies, wear equipment to protect eyes, skin and respiratory tract. Dike or absorb spills to keep material and run-off from entering sewer or waterways. Use water spray to cool containers and disperse vapors. Box may contain multiple containers having multiple components. Consult all MSDSs.

HMIS: Health: 2 Flammability: 2 Reactivity: 0 Protection: B

NFPA: Health: 2 Flammability: 2 Reactivity: 0 Spec. Hazard.: FLAM

Hazard Rating: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

A = Gloves B = Gloves & Goggles C = Gloves, Goggles & Apron

D = Face Shield, Gloves, Goggles & Apron

UN NO: NA1993

DOT GUIDE: ERG Guide 128

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Potential Health Effects:

Skin: Contact causes irritation.

Eyes: Causes irritation.

Inhalation: Irritant to respiratory tract and mucous membranes.

This material (or a component) may be harmful to the human fetus based on positive results with laboratory animals. Harm to the fetus occurs only at exposure levels than harm the pregnant animal.

Ingestion: Ingestion of product may cause nausea and vomiting.

Conditions aggravated by exposure:

None expected except those associated with acute effects. N

#### **SECTION 4 - FIRST AID MEASURES**

Eye Contact: Immediately flush with COOL water for 15 minutes. Call a physician.

Skin Contact: In case of skin contact; wash with soap and water for 15 minutes. Call a physician.

Ingestion: In case of ingestion; do not drink water. Do not induce vomiting. Call a physician.

Inhalation: Immediately remove victim to fresh air. Call a physician for further recommendations.

#### **SECTION 5 - FIRE FIGHTING MEASURES**

Flammable Properties

Flash Point: Greater than 100 degrees F

Autoignition Temperature: N/A deg F (CC)

Explosion Limits: Not Tested OSHA Class II Combustible Liquid

Extinguishing Media:

Choose extinguishing media suitable for the surrounding materials, such as water spray, dry chemical, alcohol foam or carbon dioxide.

Unsuitable Extinguishing Media:

No restrictions on media based on knowledge of this material.

Fire Fighting Instructions:

Water spray should be used to cool fire exposed containers and/or to disperse un-ignited vapors. Use NIOSH/MSHA approved positive pressure self-contained breathing apparatus when any material is involved in a fire.

Evacuate area and fight fire from a safe distance. Call your local fire department.

Wear positive pressure, breathing apparatus and protect eyes and skin.

Use water to cool fire-exposed containers, to protect personnel and to disperse vapors and spills. Fire media run-off can damage the environment. Dike and collect media used to fight fire.

#### **SECTION 6 - ACCIDENTAL RELEASE MEASURES**

Small Spills:

For small incidental spills and leaks wear chemical safety goggles, and neoprene gloves and apron or coveralls. Isolate area of spill by diking. Stop source of leak. Add dry absorbent. Clean up and place in an approved D.O.T. container and seal. Wash all contaminated clothing before reuse, and discard contaminated leather shoes.

Large Spills:

For larger spills requiring emergency response, neoprene boots and respiratory protection may also be required. Follow OSHA regulations and NIOSH recommendations for respirator use (29 CFR 1910.134 and NIOSH Pub. 87-108) and emergency response (see 29 CFR 1910.120). Isolate area of spill by diking.

Stop source of leak. Add dry absorbent. Clean up and place in an approved D.O.T. container and seal. Wash all contaminated clothing before reuse, and discard contaminated leather shoes. Call the emergency telephone number shown on the front of this sheet.

**SECTION 7 - HANDLING / STORAGE**

## Handling:

Avoid contact with eyes, skin or clothing. Avoid breathing mist or vapor.

Do not swallow. Wear chemical safety goggles and neoprene gloves and apron.

Wash thoroughly after handling. Keep container closed when not in use. Use only with adequate ventilation.

## Storage:

Store in a cool, dry, well-ventilated area away from all sources of ignition.

Keep containers closed when not in use. Transfer to bonded and grounded containers only.

**SECTION 8 - EXPOSURE CONTROL AND PERSONAL PROTECTION**

## Ventilation:

Good general ventilation should be sufficient for most processing operations.

Vent work area to ensure airborne concentrations are below the current occupational exposure limits.

Ten (10) or more room air changes per hour containing a minimum of 15% fresh air will meet these requirements. Consult ASHRAE 62-1989 for further requirements.

## Personal Protective Equipment:

Respiratory Protection: If used under normal operating conditions and with adequate ventilation, respiratory protection is not required. However, refer to OSHA 29 CFR 1910.13 4.

Skin Protection: Chemical resistant gloves

Eye Protection: Chemical safety goggles

**SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES**

Appearance: Clear, colorless, liquid

Odor: Mild solvent

Change in Physical State:

Boiling Point: 380 – deg F

310

Melting Point: N/D deg F

Specific Gravity: 0.83 Water=1

Vapour Pressure: Less than 3mmHg @ 20C

Viscosity: N/A

Solubility in Water: 0

pH Value: N/D

VOC (lbs/gal): 6.70

**SECTION 10 - STABILITY AND REACTIVITY**

## Hazardous Polymerization:

Hazardous polymerization WILL NOT occur if product is used and stored as directed. Product is stable if used and stored as directed.

## Hazardous Decomposition Products:

Oxides of Nitrogen; Oxides of Carbon; Oxides of Sulfur

## Materials and Conditions to Avoid:

Keep containers and liquids away from all potential sources of ignition.

Keep away from excess heat. Avoid contact with strong oxidizers, strong acids and strong bases.

**SECTION 11 - TOXICOLOGICAL INFORMATION**

## Product Information

LD50 (oral, rat): No Data Available

**Acute Overexposure:**

Skin, eye, mucous membrane and respiratory tract irritant.

**Chronic Overexposure:**

Prolonged or repeated exposure can cause allergic skin reaction, anemia and weakness. Repeated ingestion may cause central nervous system depression and kidney damage. Prolonged or repeated skin contact may cause sensitization.

**Ingredient information:**

This material (or a component) has been shown to cause harm to the fetus in laboratory animal studies. Harm to the fetus occurs only at exposure levels that harm the pregnant animal. The relevance of these findings to humans is uncertain.

Swallowing of Hydrocarbons can cause lung damage. Repeated exposure to hydrocarbons can cause dermatitis.

**SECTION 12 - ECOLOGICAL INFORMATION**

Ecotoxicity Data: No Data Available

Chemical Fate Data: No Data Available

**SECTION 13 - DISPOSAL CONSIDERATIONS**

Hazardous Waste Characteristic:

D001

Recommendation:

Dispose of contaminated product, empty containers and materials used in cleaning up spills or leaks in a manner approved for this material. Consult appropriate federal, state and local regulatory agencies to ascertain proper disposal procedures. Discharge of processing effluent to the sewer may require a permit. DO NOT discharge effluent solutions to septic systems.

Material, if spilled, may exhibit "flammable" hazardous waste characteristics.

**SECTION 14 - TRANSPORTATION INFORMATION**

Ground Shipping Information

Proper Shipping Name: Combustible Liquid, N.O.S. (contains Petroleum Naphtha)

Hazard Class: COMB

UN/NA Number: NA1993

Packing Group: PGIII

Air (ICAO/IATA) Shipping Information

Proper Shipping Name: Flammable Liquid, N.O.S. (Contains Petroleum Naphthas)

Hazard Class: 3.3

UN No: UN1993

Packing Group: PGIII

Subsidiary Risk: None

UN/DOT Labels Needed: Combustible; Flammable

International Maritime Organization (IMO) Additional Shipping Class:

IMDG Code: IMDG 3345

Product is labeled in accordance with US D.O.T. 49 CFR.

Further information:

Please call (610) 252-6206 for further D.O.T. information.

**\*\*Note:** The ingredient information listed in this section is provided for reporting requirements as dictated by USEPA, state and local regulation. If ingredient is listed in this section but not in Section 2, then the concentration of this ingredient is below de minimis (less than 0.1%).

U.S. FEDERAL REGULATIONS:

313 = SARA Title III Section 313 (40 CFR 372 -- Toxic Release Inventory)

355 = SARA Title III Section 302 (40 CFR 355 -- Extremely Hazardous Substance)

302 = SARA Title III Section 304 (40 CFR 302 -- Hazardous Substance List)

CWA = Clean Water Act Priority Pollutants List

### SECTION 15 - REGULATORY INFORMATION

CAA = Clean Air Act 1990 Hazardous Air Contaminants

HAP = Clean Air Act - HON Rule - HAPs

Ingredients CAS Number 313 355 302 CWA CAA HAP

Aliphatic Hydrocarbons 8052-41-3 N N N N N N

Aromatic Hydrocarbon 64742-95-6 N N N N N N

Cumene 98-82-8 Y N Y N Y Y

Nonylphenol Ethoxylates N N N N Y Y

Xylene (mixed isomers) 1330-20-7 Y N Y N Y Y

1,2,4-Trimethylbenzene 95-63-6 Y N N N N N

TSCA 12(b) Export Notification

\*\*\*None required\*\*\*

#### TOXICITY INFORMATION:

IRC1 = IARC Group 1 Human Carcinogens List

IRC2 = IARC Group 2 Human Carcinogens List (limited human data)

IRC3 = IARC Group 2B Human Carcinogens List (sufficient animal data)

NTP = NTP Known Carcinogens List

OSHA = OSHA Known Carcinogens List

Ingredients CAS Number IRC1 IRC2 IRC3 NTP OSHA

Aliphatic Hydrocarbons 8052-41-3 N N N N N N

Aromatic Hydrocarbon 64742-95-6 N N N N N N

Cumene 98-82-8 N N N N N N

Nonylphenol Ethoxylates N N N N N N

Xylene (mixed isomers) 1330-20-7 N N N N N N

1,2,4-Trimethylbenzene 95-63-6 N N N N N N

#### STATE REGULATIONS:

FL = Florida Hazardous Substance List MA = Massachusetts Right-To-Know List

MI = Michigan Critical Materials List MN = Minnesota Hazardous Substance List

NJ = New Jersey Right-To-Know List PA = Pennsylvania Right-To-Know List

Ingredients CAS Number PA NJ MN MI MA FL

Aliphatic Hydrocarbons 8052-41-3-7 N N N N N N

Aromatic Hydrocarbon 64742-95-6 N N N N N N

Cumene 98-82-8 Y Y Y N Y Y

Nonylphenol Ethoxylates N N N N N N

Xylene (mixed isomers) 1330-20-7 Y Y Y Y Y Y

1,2,4-Trimethylbenzene 95-63-6 Y Y N N Y N

The following designation is used only for those facilities that have air permits in nonattainment areas for ozone:

Photochemically Reactive

### SECTION 16 - OTHER INFORMATION

**FOR MORE INFORMATION, CONTACT TOWER PRODUCTS, INC.**  
**THE INFORMATION HEREIN IS GIVEN IN GOOD FAITH, BUT NO WARRANTY,**  
**EXPRESS OR IMPLIED IS MADE.**