

**MATERIAL SAFETY DATA SHEET**

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**1. PRODUCT NAME:** **U.V. DULL VARNISH**

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**2. DATE PREPARED:** December 10, 2014 **HMIS IDENTIFICATION**

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<b>3. MANUFACTURER NAME AND ADDRESS:</b>	HEALTH	2
ATLAS INK AND SUPPLY, LLC	FLAMMABILITY	1
9840 Monroe Drive, Suite 101, Dallas, TX 75220	REACTIVITY	2

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**4. INGREDIENT(S):**

<u>Component:</u>	<u>CAS#</u>	<u>Percentage</u>	<u>Hazard in Blend</u>	<u>Exposure Limits</u>	<u>Units</u>
Proprietary Mixture	NJTSRN-6000-2047	100%	YES (see Section 11)	Not Established	

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**5. PHYSICAL DATA:**

Boiling Range (Fahrenheit):	> 300 F
Vapor Density:	Heavier Than Air
Liquid Density:	Heavier Than Water
Type of Odor:	Slight Acrylic
Appearance:	Viscous Liquid
Evaporation Rate:	Slower Than Butyl Acetate
Percent Volatile by Weight:	<1(Excluding Water) ASTM Method D5403-93
Specific Gravity:	1.13

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**6. FIRE AND EXPLOSION DATA:**

FLASH POINT: GREATER THAN 200 DEGREES FAHRENHEIT  
FLAMMABLE LIMITS: NA  
AUTOIGNITION TEMPERATURE: NA  
EXTINGUISHING MEDIA: DRY CHEMICAL, FOAM, OR CARBON DIOXIDE  
UNUSUAL FIRE AND EXPLOSION HAZARDS: High temperatures and fire conditions may cause rapid and uncontrolled polymerization which can result in explosions and the violent rupture of storage vessels. Avoid the use of a stream of water to control fires since frothing can occur.  
SPECIAL FIREFIGHTING PROCEDURES: Remove all ignition sources. Wear self-contained breathing apparatus and complete personal protective equipment when entering confined areas.

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This information relates to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is to the best of our knowledge and belief, accurate and reliable as of the data compiled. However, no representation, warranty or guarantee is made as to its accuracy, reliability and completeness of such information for his own particular use. We do not accept liability for any loss or damage that may occur from the use of this information

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### 7. REACTIVITY DATA:

**STABILITY:** STABLE

**CONDITIONS TO AVOID:** Storage > 140°, exposure to light, loss of dissolved air, loss of polymerization inhibitor, contamination with incompatible materials.

**HAZARDOUS POLYMERIZATION:** High temperatures (140°F) and oxygen deficient atmosphere reduce inhibitor effectiveness and may cause polymerization, thereby raising the temperature and pressure, possibly rupturing the container. DO NOT BLANKET OR MIX WITH NITROGEN or other inert gases as this renders the inhibitor ineffective.

**MATERIALS TO AVOID:** Polymerization initiators including peroxides, strong oxidizing agents, copper, copper alloys, carbon steel, iron, rust, nickel, cobalt, strong bases, ultraviolet light and/or sunlight.

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### 8. HEALTH HAZARD DATA:

**ROUTE(S) OF ENTRY:** INHALATION SKIN INGESTION  
POSSIBLE AT ELEVATED TEMP NOT NORMALLY NOT NORMALLY

**HEALTH HAZARDS (ACUTE AND CHRONIC):** IRRITATION OF THE SKIN AND EYES

**CARCINOGENICITY:** NO INGREDIENT CONTAINED ACKNOWLEDGED AS  
CARCINOGENS TO OUR KNOWLEDGE

**EMERGENCY & FIRST AID PROCEDURES:**

**IN CASE OF CONTACT WITH SKIN:** REMOVE CONTAMINATED CLOTHING AND WASH AFFECTED AREA THOROUGHLY WITH PLENTY OF SOAP AND WATER.

**IN CASE OF CONTACT WITH EYES:** FLUSH EYES WITH PLENTY OF RUNNING WATER. GET MEDICAL ATTENTION.

**INGESTION:** DO NOT INDUCE VOMITING, CALL A PHYSICIAN AT ONCE.

**INHALATION:** REMOVE PERSON TO FRESH AIR. IF BREATHING IS DIFFICULT, CALL A PHYSICIAN.

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### 9. PRECAUTIONS FOR SAFE HANDLING AND USE:

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** WIPE OFF CAREFULLY WITH CLOTH IMMersed WITH SUCH SOLVENT AS TOLUENE AND ETHYL ACETATE.

**WASTE DISPOSAL METHOD:** INCINERATION IS RECOMMENDED. DISPOSE ACCORDING TO FEDERAL, STATE AND LOCAL REGULATION.

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:** AVOID CONTACT WITH SKIN AND EYES. STORE IN A COOL PLACE BELOW 25°C. AVOID SUNLIGHT. FOLLOW DOT REGULATIONS DURING TRANSPORT. DO NOT TRANSFER TO UNMARKED CONTAINERS.

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**10. CONTROL MEASURES:**

**RESPIRATORY PROTECTION:** MASK IS RECOMMENDED.

**VENTILATION:** ADEQUATE VENTILATION MUST BE PROVIDED TO KEEP MIST CONCENTRATION BELOW PEL.

**PROTECTIVE GLOVES:** IMPERVIOUS GLOVES

**EYE PROTECTION:** PLASTIC FACE SHIELD, GLASSES, OR GOGGLES MAY BE WORN

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** NA

**WORK/HYGIENE PRACTICES:** GOOD HOUSEKEEPING PROCEDURES. WASH HANDS BEFORE EATING, DRINKING, SMOKING OR USING LAVATORY FACILITIES.

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**11. REGULATORY INFORMATION:**

**TOXIC SUBSTANCES CONTROL ACT (TSCA):** The chemical compounds of this product are contained on the Section 8(B) Chemical Substance Inventory List (40CFR710).

**SARA TITLE III INFORMATION**

Section 313 – Toxic Chemicals: Any ingredient that is a “toxic chemical” and is in this mixture of 1% (0.1% if listed as a carcinogen) will be indicated in “Section II – Ingredients” of this MSDS.

Section 302 – Toxic Chemicals: Any ingredient that is an “Extremely Hazardous Substance: will be indicated in “Section II – Ingredients” on page 1 of this MSDS.

Section 311/312 – Hazard Categories: Pursuant to Section 311/312 of SARA Title III, the physical and health hazard categories for this product are identified below:

Fire Hazard:	NO
Sudden Release of Pressure Hazard:	NO
Reactivity Hazard:	YES
Immediate (Acute) Health Hazard:	YES
Delayed (Chronic) Health Hazard:	YES

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**DISCLAIMER OF LIABILITY**

The information contained herein is, to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by use of this material. All chemicals may present unknown health hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist. Final determination of suitability of the chemical is the sole responsibility of the user. No representatives or any other nature, are made there under with respect to the information contained herein or the chemical to which the information refers. It is the responsibility of the user to comply with all Federal, State and Local laws and regulations.