

# SAFETY DATA SHEET

WORKING COPY



Date Prepared : 05/29/2015  
SDS No : NC-7803

## 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT DESCRIPTION:** UV Flexo Adhesion Plus White  
**PRODUCT CODE:** NC-7803

### MANUFACTURER

Nova Pressroom Products  
1663 North McDuff Avenue  
Jacksonville, FL 32254  
**Alternate Emergency Phone:** (866) 443-5811  
**Customer Service:** (904) 292-2554  
**Transportation:** (800) 424-9300

### 24 HR. EMERGENCY TELEPHONE NUMBERS

**Poison Control Center (Medical) :** (877) 800-5553  
**CANUTEC (Canadian Transportation) :** (613) 996-6666  
**CHEMTREC (US Transportation) :** (800) 424-9300

## 2. HAZARDS IDENTIFICATION

### GHS CLASSIFICATIONS

#### Health:

Acute Toxicity (Oral), Category 5  
Skin Irritation, Category 3  
Eye Irritation, Category 2B  
Respiratory Tract Irritation, Category 3

#### Environmental:

Acute Hazards to the Aquatic Environment, Category 3

### GHS LABEL



Exclamation  
mark

**SIGNAL WORD:** WARNING

### HAZARD STATEMENTS

H303: May be harmful if swallowed.  
H316: Causes mild skin irritation.  
H320: Causes eye irritation.  
H335: May cause respiratory irritation.  
H402: Harmful to aquatic life.

### PRECAUTIONARY STATEMENTS

#### Prevention:

P261: Avoid breathing dust, vapours or spray.  
P264: Wash hands thoroughly after handling.  
P271: Use only outdoors or in a well-ventilated area.

**Response:**

P312: Call a POISON CENTER or a doctor if you feel unwell.

P332+P313: If skin irritation occurs: Get medical advice.

P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313: If eye irritation persists: Get medical attention.

**Storage:**

P403+P233: Store in a well-ventilated place. Keep container tightly closed.

P405: Store locked up.

P235+P410: Keep cool. Protect from sunlight.

**Disposal:**

P501: Dispose of contents/container in accordance with local regulations.

**EMERGENCY OVERVIEW**

**PHYSICAL APPEARANCE:** White liquid with mild odor.

**POTENTIAL HEALTH EFFECTS**

**EYES:** Contact may cause eye irritation.

**SKIN:** Contact may cause skin irritation.

**INGESTION:** Ingestion may cause irritation to the gastrointestinal tract.

**INHALATION:** Inhalation may cause irritation to the respiratory tract.

**MEDICAL CONDITIONS AGGRAVATED:** Significant chronic exposure may aggravate existing eye, skin, respiratory system, liver, kidney, and CNS conditions.

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

Chemical Name	Wt.%	CAS
Proprietary - 10351	40 - 50	Mixture
Proprietary - 10366	10 - 20	Mixture
Dipropylene Glycol Diacrylate	10 - 20	57472-68-1
Proprietary - 10322	1 - 10	Mixture
N-vinyl-2-pyrrolidone	~ 5	88-12-0
Proprietary - 10326	< 2	Mixture

**4. FIRST AID MEASURES**

**EYES:** Immediately flush eyes with plenty of water. If irritation persists, seek medical attention.

**SKIN:** Wash skin with soap and water. If irritation develops or persists, seek medical attention.

**INGESTION:** Seek immediate medical advice. Do not induce vomiting unless instructed to do so by poison center or physician.

**INHALATION:** Remove person to fresh air. If breathing becomes difficult, seek medical attention.

**5. FIRE FIGHTING MEASURES**

**FLAMMABLE CLASS:** None

**EXTINGUISHING MEDIA:** Foam, dry chemical; use water spray to cool exposed surfaces. Evacuate area and fight fire from a safe distance if fire is contained in a small area; otherwise, call the local fire department. Fire media runoff may damage the environment. Dike and collect media used to fight fire.

**OTHER CONSIDERATIONS:** Vapors are heavier than air and may accumulate in low or inadequately ventilated areas. Vapors may travel along the ground to be ignited at locations distant from the handling site. Flashback or flame to the handling site may occur.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Fire may produce hazardous fumes.

## 6. ACCIDENTAL RELEASE MEASURES

**SMALL SPILL:** Wear protective gloves and eye protection, and stop the source of the leak or spill if possible. Isolate area of spill with dike, and/or add dry absorbent to prevent runoff from entering storm sewers and ditches which lead to waterways. Clean up and place in an appropriate container for disposal. Wash all contaminated clothing before use.

**LARGE SPILL:** Follow OSHA emergency response regulations and NIOSH recommendations. If possible, stop source of spill or release. Isolate the area of spill or release with dike to prevent runoff from entering storm sewers and ditches which lead to waterways. Clean up and place in an appropriate container for disposal. Wash all contaminated clothing before use.

## 7. HANDLING AND STORAGE

**HANDLING:** Avoid contact with eyes, skin, or clothing. Avoid breathing mist or vapor. Do not swallow. Wash hands thoroughly after handling. Do not eat, drink, or smoke in work areas. Use only with adequate ventilation. Good housekeeping should be observed to avoid contamination. Persons with a history of skin sensitization problems should not be employed in any process in which this product is used.

**STORAGE:** Store in a cool, dry, well-ventilated area. Keep container closed when not in use. Keep away from oxidizing agents and corrosives. Protect from direct sunlight and store between 40F and 140F. Containers of this material may be hazardous when emptied. Because emptied containers retain product residues (vapor, liquid, and/or solid), all hazard precautions given in this data sheet must be observed.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)				
			EXPOSURE LIMITS	
			ACGIH TLV	
Chemical Name		ppm	mg/m <sup>3</sup>	
N-vinyl-2-pyrrolidone	TWA	0.05	0.23	

**ENGINEERING CONTROLS:** Good, general ventilation should be sufficient for most operations. Ten or more room air changes per hour containing a minimum of 15% fresh air is recommended.

### PERSONAL PROTECTIVE EQUIPMENT

**EYES AND FACE:** Safety glasses.

**SKIN:** Gloves impervious to the hazardous ingredients.

**RESPIRATORY:** If used under normal operating conditions and with adequate ventilation, respiratory equipment is not required.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**PHYSICAL STATE:** Liquid

**ODOR:** Mild odor

**COLOR:** White

**pH:** NA = Not Applicable

**FLASH POINT AND METHOD:** > (200°F) CC

**FLAMMABLE LIMITS:** Not Established

**AUTOIGNITION TEMPERATURE:** Not Established

**VAPOR PRESSURE:** Not Established

**VAPOR DENSITY:** Not Established

**BOILING POINT:** > (212°F)

**FREEZING POINT:** Not Established

**THERMAL DECOMPOSITION:** Not Established

**SOLUBILITY IN WATER:** Insoluble

**EVAPORATION RATE:** Not Established

**DENSITY:** Not Established

**SPECIFIC GRAVITY:** 1.318 at (60°F)

**Notes:** Water = 1.00

**VISCOSITY #1:** 500 cps. at (77°F) #2 @ 60

**(VOC):** < 0.010 lbs/gal USEPA Method 24

**COEFF. OIL/WATER:** Not Established

## 10. STABILITY AND REACTIVITY

**HAZARDOUS POLYMERIZATION:** Uncontrollable polymerization of the product with generation of heat can occur above room temperature or if exposed to direct sunlight.

**STABILITY:** Chemically stable

**CONDITIONS TO AVOID:** High temperatures, localized heat sources (i.e.: drum or band heaters), oxidizing conditions, freezing conditions, direct sunlight, ultraviolet radiation, inert gas blanketing, strong oxidizers, strong reducers, free radical initiators, inert gases, oxygen scavengers.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Includes, but not limited to smoke, fumes, oxides of nitrogen, and oxides of carbon.

**INCOMPATIBLE MATERIALS:** Rust, strong oxidizers, acids, and/or bases.

## 11. TOXICOLOGICAL INFORMATION

### ACUTE

Chemical Name	ORAL LD <sub>50</sub>	DERMAL LD <sub>50</sub>	INHALATION LC <sub>50</sub>
Proprietary - 10351	> 5000 mg/kg [Rat]		> 6.82 mg/L/4h [Rat]
N-vinyl-2-pyrrolidone	1500 mg/kg [Rat]	560 mg/kg [Rabbit]	3.32 mg/L/4h [Rabbit]
Proprietary - 10326	> 5000 mg/kg [Rat]	> 2000 mg/kg [Rat]	

**EYES:** May cause eye irritation.

**SKIN ABSORPTION:** May cause skin irritation.

**ORAL LD<sub>50</sub>:** Not Established

**INHALATION LC<sub>50</sub>:** May cause respiratory tract irritation.

**CHRONIC:** Prolonged or repeated skin contact may cause allergic reaction and dermatitis.

**REPRODUCTIVE EFFECTS:** Proprietary 10326 has may cause damage to the testes after repeated ingestion of high doses, as shown in animal studies.

## 12. ECOLOGICAL INFORMATION

**ENVIRONMENTAL DATA:** Proprietary 10321 is toxic to aquatic life. The toxicity of this mixture is not available.

**ECOTOXICOLOGICAL INFORMATION:** Not Available

**BIOACCUMULATION/ACCUMULATION:** Not Available

**CHEMICAL FATE INFORMATION:** Not Available

## 13. DISPOSAL CONSIDERATIONS

**DISPOSAL METHOD:** Dispose materials associated with cleaning spills and/or leaks according to federal, state, and local regulations. If product is contaminated with other printing process products, consult appropriate federal, state, and local regulations to determine proper characterization of resultant mixture.

RCRA/EPA WASTE INFORMATION: None

#### 14. TRANSPORT INFORMATION

**DOT (DEPARTMENT OF TRANSPORTATION)**

**PROPER SHIPPING NAME:** Not Regulated

**AIR (ICAO/IATA)**

**SHIPPING NAME:** Not Regulated

**VESSEL (IMO/IMDG)**

**SHIPPING NAME:** Not Regulated

#### 15. REGULATORY INFORMATION

**UNITED STATES**

**SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)**

**313 REPORTABLE INGREDIENTS:** This product does not contain any ingredients subject to the reporting requirements of SARA Title III Section 313 at or above reporting thresholds, unless listed below.

**TSCA (TOXIC SUBSTANCE CONTROL ACT)**

**TSCA STATUS:** All components of this product are registered on the TSCA inventory.

**CANADA**

**WHMIS (WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM):** Class D2B Toxic Material

**DOMESTIC SUBSTANCE LIST (INVENTORY):** All components of this product are registered on the DSL inventory.

#### 16. OTHER INFORMATION

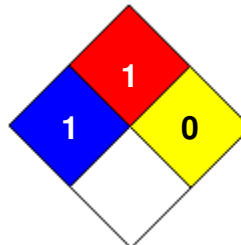
**APPROVED BY:** HRB    **TITLE:** VP Technical Services

**PREPARED BY:** RAD - EHS Manager    **Date Prepared:** 05/29/2015

**HMIS RATING**

<b>HEALTH</b>		<b>1</b>
<b>FLAMMABILITY</b>		<b>1</b>
<b>PHYSICAL HAZARD</b>		<b>0</b>
<b>PERSONAL PROTECTION</b>		<b>B</b>

**NFPA CODES**



**MANUFACTURER DISCLAIMER:**

The specific chemical identities of some ingredients in this mixture are considered proprietary information and trade secrets. As such they are withheld in accordance with CFR 1910.1200(i) of Title 29.

We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind. Some information may be based on indirect test data.