

# SAFETY DATA SHEET



Date Prepared : 03/26/2018  
SDS No : NC-7305  
Date Revised : 03/27/2018  
Revision No : 3

## 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT DESCRIPTION:** UV HUV Satin Coating  
**PRODUCT CODE:** NC-7305

### MANUFACTURER

Nova Pressroom Products  
1663 North McDuff Avenue  
Jacksonville, FL 32254  
**Alternate Contact:** (866) 443-5811  
**Customer Service:** (904) 292-2554  
**Transportation:** (800) 424-9300  
**Fax:** 904) 389-6999  
**E-Mail:** info@novapressroom.com

### 24 HR. EMERGENCY TELEPHONE NUMBERS

**Chemtrec (US and Canada) :** +1-800-424-9300

## 2. HAZARDS IDENTIFICATION

### GHS CLASSIFICATIONS

#### Health:

Eye Corrosion, Category 1  
Skin Irritation, Category 2  
Skin Sensitization, Category 1  
Target Organ Toxicity (Repeated exposure), Category 2  
Reproductive Toxicity, Category 1B

#### Environmental:

Acute Hazards to the Aquatic Environment, Category 3  
Chronic Hazards to the Aquatic Environment, Category 3

### GHS LABEL



Exclamation  
mark



Corrosion



Health  
hazard

**SIGNAL WORD:** DANGER

### HAZARD STATEMENTS

H318: Causes serious eye damage.  
H315: Causes skin irritation.  
H317: May cause an allergic skin reaction.  
H412: Harmful to aquatic life with long lasting effects.  
H373: May cause damage to organs through prolonged or repeated exposure.  
H360: May damage fertility or the unborn child.

### PRECAUTIONARY STATEMENTS

**Prevention:**

P280: Wear protective gloves/protective clothing/eye protection/face protection.  
 P264: Wash hands thoroughly after handling.  
 P273: Avoid release to the environment.  
 P272: Contaminated work clothing should not be allowed out of the workplace.  
 P260: Do not breathe dust/fume/gas/mist/vapours/spray.  
 P201: Obtain special instructions before use.  
 P202: Do not handle until all safety precautions have been read and understood.

**Response:**

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P310: IF IN EYES: Immediately call a POISON CENTER or doctor.  
 P302+P352: IF ON SKIN: Wash with plenty of water.  
 P333+P313: If skin irritation or rash occurs: Get medical advice/attention.  
 P321: Specific treatment (See First Aid Section on this label).  
 P362+P364: Take off contaminated clothing and wash it before reuse.  
 P314: Get medical advice/attention if you feel unwell.  
 P308+P313: IF exposed or concerned: Get medical advice/ 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:** Clear liquid with mild odor

**POTENTIAL HEALTH EFFECTS**

**EYES:** Irritating, and may injure eye tissue if not removed promptly.  
**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.

**COMMENTS:** Proprietary Acrylated Mixture contributes, but may not be the only ingredient to contribute, and may not be limited to contributing, the following hazards to this product: Eye corrosion category 1, Skin irritation category 2, Skin sensitizer category 1, Acute hazards to aquatic environments category 3, and Chronic hazards to aquatic environments category 3.

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

Chemical Name	Wt.%	CAS
Proprietary acrylated mixture	60 - 80	Mixture
Proprietary - 10326	< 10	
Proprietary 10428	< 10	
Benzophenone	< 10	119-61-9
Proprietary 10338	< 10	
Proprietary 10422	< 10	
Acrylated Oligomer 10439	< 10	
2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	< 10	71868-10-5

**4. FIRST AID MEASURES**

**EYES:** Immediately flush eyes with plenty of water. Call a poison control center or doctor.

**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. Do not breathe 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

**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

**APPEARANCE:** Clear

**COLOR:** None

**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:** Not Available

**FREEZING POINT:** Not Established

**THERMAL DECOMPOSITION:** Not Established

**SOLUBILITY IN WATER:** Insoluble

**PARTITION COEFFICIENT: N-OCTANOL/WATER:** Not Established

**EVAPORATION RATE:** Not Established

**DENSITY:** Not Established

**SPECIFIC GRAVITY:** 1.09 at (60°F)

**Notes:** Water = 1.00

**VISCOSITY #1:** 165 to 200 cps. at (77°F) #2 @ 60

**(VOC):** < 0.01 lbs/gal USEPA Method 24

## 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 TOXICITY

Chemical Name	ORAL LD <sub>50</sub>	DERMAL LD <sub>50</sub>	INHALATION LC <sub>50</sub>
Proprietary - 10326	> 5000 mg/kg [Rat]	> 2000 mg/kg [Rat]	
Proprietary 10428	5000 mg/kg [Rat]	> 2000 mg/kg [Rat]	
Benzophenone	2895 mg/kg [Mouse]	3535 mg/kg [Rabbit]	
Proprietary 10338	> 300 to 2000 mg/kg [Rat]		
Acrylated Oligomer 10439	1350 mg/kg [Rat]	> 2000 mg/kg [Rabbit]	> 5 mg/L/4h [Rat]

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

**SKIN CORROSION/IRRITATION:** May be irritating to skin

**SERIOUS EYE DAMAGE/IRRITATION:** Contact with eyes may damage eye tissue.

**RESPIRATORY OR SKIN SENSITISATION:** Sensitization possible through skin contact.

### CARCINOGENICITY

**IARC:** Benzophenone <10%: Group 2B (Possibly carcinogenic to humans)

Proprietary 10338 <10%: Group 2B

**NOTES:** IARC category 2B is used for agents for which there is limited evidence of carcinogenicity in humans and less than sufficient evidence of carcinogenicity in experimental animals. It may also be used when there is inadequate evidence of carcinogenicity in humans but there is sufficient evidence of carcinogenicity in experimental animals. In some instances, an agent for which there is inadequate evidence of carcinogenicity in humans and less than sufficient evidence of carcinogenicity in experimental animals together with supporting evidence from mechanistic and other relevant data may be placed in this

group. An agent may be classified in this category solely on the basis of evidence from mechanistic and other relevant data.

**REPRODUCTIVE TOXICITY:** 2-Methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one has shown a significant effect on fertility and development when treated on laboratory animals (Repr. Tox. 1B). Proprietary 10422 (Repr. Tox. 1B). Proprietary 10326 may cause damage to the testes (testes atrophy) after repeated ingestion of high doses, as shown in animal studies (Repr. Tox. 2). Acrylated Oligomer 10439 (Repr. Tox. 2).

**STOT-REPEATED EXPOSURE:** Benzophenone and proprietary 10338 may cause damage to organs through prolonged or repeated exposure.

## 12. ECOLOGICAL INFORMATION

**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)**

Chemical Name	CAS
Benzophenone	119-61-9
2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5

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

**CALIFORNIA PROPOSITION 65:** California Proposition 65 Warning (applicable in California only) - This product contains (a) chemical(s) known to the State of California to cause birth defects or other reproductive harm.

**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

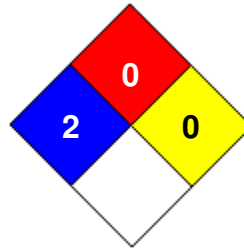
**PREPARED BY:** DCB - EHS Manager **Date Revised:** 03/27/2018

**REVISION SUMMARY:** This SDS replaces the 03/27/2018 SDS.

### HMIS RATING

HEALTH	*	2
FLAMMABILITY		0
PHYSICAL HAZARD		0
PERSONAL PROTECTION		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.