

SAFETY DATA SHEET



Date issued : 07/20/2023
SDS number : NC-7200M

1. Identification

Product code: NC-7200M
Product description: UV Digital Matte Coating

Manufacturer / Supplier

Nova Pressroom Products
1663 North McDuff Avenue
Jacksonville, FL 32254

Customer Service: (904) 292-2554

Transportation: (800) 424-9300

Fax: (904) 389-6999

E-Mail: info@novapressroom.com

Emergency telephone number (24 hour)

Chemtrec (US and Canada) : (800) 424-9300

2. Hazard identification

Classification of the substance or mixture

Health hazards:

Eye Corrosion, Category 1
Skin Irritation, Category 2
Skin Sensitization, Category 1
Target Organ Toxicity (Single exposure), Category 3
Target Organ Toxicity (Repeated exposure), Category 2
Reproductive Toxicity, Category 2

Environmental hazards:

Acute Hazards to the Aquatic Environment, Category 3
Chronic Hazards to the Aquatic Environment, Category 2

Label elements



Exclamation
mark



Corrosion



Health
hazard



Environment

Signal word: DANGER

Hazard statement(s)

H318: Causes serious eye damage.
H315: Causes skin irritation.
H317: May cause an allergic skin reaction.
H335: May cause respiratory irritation.
H373: May cause damage to organs through prolonged or repeated exposure.
H361: Suspected of damaging fertility or the unborn child
H402: Harmful to aquatic life.
H411: Toxic to aquatic life with long lasting effects.

Precautionary statement(s)

Prevention:

P280: Wear protective gloves/protective clothing/eye protection/face protection.
 P264: Wash hands thoroughly after handling.
 P272: Contaminated work clothing should not be allowed out of the workplace.
 P260: Do not breathe fumes, vapors, or sprays.
 P273: Avoid release to the environment.
 P201: Obtain special instructions before use.
 P202: Do not handle until all safety precautions have been read and understood.
 P271: Use only outdoors or in a well-ventilated area.

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.
 P391: Collect spillage.
 P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.
 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

Eye: 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, auditory (hearing), 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 irritation category 1, Skin irritation category 2, Skin sensitizer category 1, Specific target organ toxicity category 3, Acute hazards to aquatic environments category 3, and Chronic hazards to aquatic environments category 2.

3. Composition/information on ingredients

Chemical name	% w/w	CAS No.
Proprietary Acrylated Mixture	60 - 80	Mixture
Proprietary - 10046	< 10	Mixture
Proprietary 10428	< 10	
Proprietary - 10326	< 10	
Benzophenone	< 10	119-61-9

4. First-aid measures

Eye: 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

Suitable 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

Precautions for safe 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.

Conditions for safe 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

Appropriate 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.

Individual protection measures, such as personal protective equipment

Eye / face protection: Safety glasses.

Skin protection - hand protection: Gloves impervious to the hazardous ingredients.

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

9. Physical and chemical properties

Physical state: Liquid

Appearance: Clear

Color: None

Odor: Mild odor

pH: NA = Not Applicable

Freezing point: Not Established

Initial boiling point and boiling range: Not Available

Flash point: > (200°F) CC

Evaporation rate (n-butyl acetate = 1): Not Established

Lower explosion limit / flammability limit: Not Established

Vapor pressure: Not Established

Relative vapor density: Not Established

Density: Not Established

Relative density: Not Available

Solubility: Insoluble

Partition coefficient n-octanol/water (logarithmic value): Not Established

Auto-ignition temperature: Not Established

Decomposition temperature: Not Established

Dynamic viscosity: < 300 cps. at (77°F) #2 @ 60

VOC content: < 0.01 lbs/gal USEPA Method 24

10. Stability and reactivity

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

Chemical 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	LD ₅₀ (oral) mg/kg(rat)	LD ₅₀ (dermal) mg/kg(rabbit)	LC ₅₀ (inhalation) mg/l
Proprietary - 10046	2200 mg/kg [Rabbit]	> 2000 mg/kg [Rabbit]	> 20 mg/L [Rat]
Proprietary 10428	5000 mg/kg [Rat]	> 2000 mg/kg [Rat]	
Proprietary - 10326	> 5000 mg/kg [Rat]	> 2000 mg/kg [Rat]	
Benzophenone	2895 mg/kg [Mouse]	3535 mg/kg [Rabbit]	

Acute oral toxicity LD₅₀: Not Established

Skin corrosion / irritation: May be irritating to skin

Serious eye damage / irritation: Contact with eyes may damage eye tissue.

Respiratory or skin sensitization: Sensitization possible through skin contact.

Carcinogenicity

IARC: Proprietary 10046 contains an ingredient, which by itself comprises <1% of the finished Nova product, that is listed by IARC in group 2B.

Benzophenone <1%: Group 2B

NTP: None

OSHA: None

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: Proprietary 10046 contains an ingredient, which by itself comprises <1% of the finished Nova product, that is suspected of damaging fertility and/or the unborn child after repeated doses (testicular effects). Proprietary 10326 may cause damage to the testes after repeated ingestion of high doses, as shown in animal studies.

Specific Target Organ Toxicity - single exposure: Proprietary 10046 target organs: Liver, Kidney

Specific Target Organ Toxicity - repeated exposure: Proprietary 10046 target organs: Liver, Kidney

12. Ecological information

Ecotoxicological information: Not Available

Persistence and degradability: Not Available

Bioaccumulative potential: Not Available

13. Disposal considerations

Disposal methods: 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

USA Department of Transport Regulations (DOT)

UN proper shipping name: Not Regulated

ICAO - air

UN proper shipping name: Not Regulated

IMDG - sea

UN proper shipping name: Not Regulated

15. Regulatory information

UNITED STATES

SARA Section 311/312 Hazard Categories

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 (The Toxic Substances Control Act)

Chemical name	CAS No.
Benzophenone	119-61-9

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

CANADA

WHMIS Regulatory Status: Class D2B Toxic Material

Domestic Substances List (DSL) / Non-Domestic Substances List (NDSL): All components of this product are registered on the DSL inventory.

16. Other information

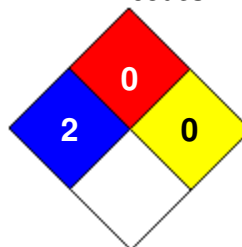
Approved by: DB **Title:** Technical Manager

Date Prepared: 07/20/2023

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.