

SAFETY DATA SHEET



Date issued : 04/03/2023
SDS number : AQ-7095
Date revised : 04/03/2023
Revision number : 1

1. Identification

Product description: Aqueous Playing Card Coating

Manufacturer / Supplier

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

Emergency telephone number (24 hour)

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

2. Hazard identification

Classification of the substance or mixture

Health hazards:

Acute Toxicity (Oral), Category 5

Eye Irritation, Category 2A

Skin Irritation, Category 3

Environmental hazards:

Acute Hazards to the Aquatic Environment, Category 3

Label elements



Exclamation
mark

Signal word: WARNING

Hazard statement(s)

H303: May be harmful if swallowed.

H319: Causes serious eye irritation.

H316: Causes mild skin irritation.

H402: Harmful to aquatic life.

Precautionary statement(s)

Prevention:

P261: Avoid breathing dust, vapours or spray.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P264: Wash hands thoroughly after handling.

P271: Use only outdoors or in a well-ventilated area.

P273: Avoid release to the environment.

Response:

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

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

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.

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

Storage:

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

P405: Store locked up.

Disposal:

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

Emergency overview

Physical appearance: Opaque, white liquid with mild ammonia odor.

Potential health effects

Eye: 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, auditory (hearing), respiratory system, liver, kidney, and CNS conditions.

3. Composition/information on ingredients

Chemical name	% w/w	CAS No.
2-propanol	1 - 10	67-63-0
Ammonium Hydroxide	< 1	1336-21-6

4. First-aid measures

Eye: 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

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.

Conditions for safe storage: Store in a cool, dry, well-ventilated area. Keep container closed when not in use. 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 controls

Control parameters				
Occupational exposure limit values				
Chemical name	Type		ppm	mg/m ³
2-propanol	OSHA PEL	TWA	400	980
		STEL	500	
	ACGIH TLV	TWA	200	490
		STEL	400	960
Ammonium Hydroxide	OSHA PEL	TWA	50 ^[1]	35 ^[1]
	NIOSH	TWA	25	18
		STEL	35	27
		IDLH	300	

Footnotes:
1. See NIOSH Pocket Guide Appendix G

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: Opaque

Color: White

Odor: Mild ammonia odor

Odor threshold: Not Established

pH: 8.0 to 9.0

Freezing point: Not Established

Initial boiling point and boiling range: (212°F) to (369°F)

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: 1.05 at (60°F)

Notes: Water = 1.00

Solubility: 100 %

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

Auto-ignition temperature: Not Established

Decomposition temperature: Not Established

Dynamic viscosity: 100 to 150 cps. at (77°F)

VOC content: 0.30 lbs/gal USEPA Method 24

10. Stability and reactivity

Dangerous polymerization: No

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: 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
2-propanol	4700 mg/kg [Rat]	12870 mg/kg [Rabbit]	19000 ppm [Rat]
Ammonium Hydroxide	350 mg/kg [Rat]		

Acute oral toxicity LD₅₀: Not Established

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.

EPCRA Section 313 Toxic Chemicals

Chemical name	% w/w	CAS No.
2-propanol	1 - 10	67-63-0

CERCLA Hazardous Substances and Reportable Quantities (RQ)

Chemical name	% w/w	CERCLA rq
Ammonium Hydroxide	< 1	1,000

TSCA (The Toxic Substances Control Act)

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

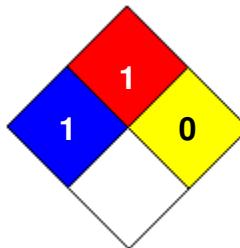
Approved by: DB **Title:** Technical Manager

Date revised: 04/03/2023

Revision summary: This SDS replaces the 04/03/2023 SDS. Revised: **Section 2:** Classification of the substance or mixture, Label elements, Precautionary statement(s).

HMIS rating

Health	1
Flammability	1
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.