

SAFETY DATA SHEET
Spectrum Noir Alcohol Inks

19913-XXXX
Project Code: 2019-019
November 15, 2018
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1. Identification of the Preparation and of The Company

Product Name and/or code: Spectrum Noir Alcohol Inks (30 ML)
Effective Date: 11/15/2018
Manufacturer: CC International LLC
3959 Temescal Canyon Road
Corona, CA 92883 -USA

Product Use: **Art Material - CONSUMER PRODUCT**

2. Hazards Identification

Emergency Overview

WARNING! FLAMMABLE. HARMFUL IF SWALLOWED AND INHALED. EYE IRRITANT.

Label Elements

Conforms to ASTM D-4236

Pictograms



GHS02



GHS06



GHS07

Signal Word

Warning

Hazard Statement

Flammable. Harmful if swallowed and inhaled. Eye Irritant. May cause skin, nose and throat irritation. May affect the brain and nervous system causing dizziness, headache and nausea. **NOTICE:** Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

Precaution Statement:

Avoid contact with eyes, skin and clothing. Avoid breathing vapor. Wash thoroughly after use. Keep away from heat, sparks and flame. Do not smoke. Extinguish all flames and pilot lights and turn off stoves, heaters, electric motors and other sources of ignition during and after use and until all vapors are gone. Prevent build-up of vapors by opening all windows and doors to achieve cross-ventilation. Use with adequate ventilation. Ensure fresh air entry during application and drying.

NFPA

Health: 2
Flammability: 3

HMIS

Reactivity: 0
Health : 2
Flammability: 3

Regulation (EC) No. 1272/2008

May cause drowsiness or dizziness (H336); Flammable liquid 3 (H226); Flammable liquid 2 (H225); Eye Irritant 2 (H319).

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3. Composition/Information on Ingredients:

Substances:

Mixture of the following chemicals: 1-Methoxy-2-propanol (Cas No. 107-98-2) <75%
Isopropanol (Cas No. 67-63-0) <20%

Risk and Safety Phrases:

Ingredients are marked according to CLP Regulation (CLP-Regulation (EC) No 1272/2008) and no workplace-related occupational exposure limits are specified for any of the listed ingredients. These ingredients are regarded as trade secrets.

4. First Aid Measures

Inhalation	If affected, remove to fresh air. If symptoms persist, seek medical advice.
Skin Contact	Wash the affected area thoroughly with plenty of soap and water.
Eye Contact	Carefully flush with water for 15 minutes. Contact a physician.
Ingestion	Drink water or milk to dilute. Do not induce vomiting. Contact a physician.

5. Firefighting Measures

Extinguishing Media	Water, foam, carbon dioxide or dry chemical equipment. Alcohol-resistant foam, dry chemical or carbon dioxide.
Fire/Explosion Hazards	Highly flammable. Vapor may form explosive mixtures with air. In case of fire hazardous decomposition products may be produced, such as carbon monoxide and carbon dioxide.
Flashpoint/Flammability	Flammable. 53.6° F (12°C)

6. Accidental Release Measures

Environmental precautions	None known for this mixture. Do not flush into surface water.
Methods and Materials for Containment and Cleaning up	Contain spill. Recover as much as possible. Absorb remainder with an inert material. Place into closed container and store in a safe location to await disposal. Wash the spill area with soap and water.

7. Handling and Storage

Safe Handling	Use under ventilated conditions. Avoid eye and skin contact. For personal protection, we recommend that employees wash thoroughly after handling product. Always wash before eating, smoking or using toilet facilities. Keep container closed when not in use. Keep container upright to prevent leakage. Ensure adequate ventilation.
Storage	Store between 50-100 deg. F., ideally 70 deg. F.

8. Exposure Controls/Personal Protection

Personal Protective Equipment	Wear goggles where spills or splashing may occur. Wear water resistant impervious gloves if handling bulk amounts.
Exposure Limits	

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<i>Component</i>	<i>Source</i>	<i>Type</i>	<i>PPM</i>	<i>mg/m³</i>
<i>1-Methoxy-2-propanol</i>	ACGIH	TWA	50	/
	ACGIH	STEL	100	/
	OSHA Z1A	TWA	100	360
	OSHA Z1A	STEL	150	540
<i>Isopropanol</i>	ACGIH	TWA	200	/
	ACGIH	STEL	400	/
	OSHA Z1	PEL	400	980
	OSHA Z1A	TWA	400	980
	OSHA Z1A	STEL	500	1225

Respiratory and Ventilation

Wear approved NIOSH/MSHA respirator if exposure to mist or vapor exceed applicable PEL/TLV limits. Use in accordance with manufacturer's use limitations and OSHA STANDARD 1910-34. Local ventilation may be used to prevent routine inhalation.

Skin Protection

Wear water resistant impervious gloves if handling bulk amounts.

Eye Protection

Wear goggles where spills or splashing may occur.

9. Physical and Chemical Properties
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Appearance	30 ML bottle with dropper.
Physical State	Liquid.
Color	Various colors.
Odor	Alcohol-like.
Boiling Point	82°C
Freezing Point	-89.5°C
State (pH)	3.0 to 9.0
Specific Gravity	Not determined.
Viscosity	2 to 12cP (20°C)
Flashpoint	53.6° F (12°C)
Vapor Pressure	48 hPa 20°C
Vapor Density	Not determined.
Solubility in water	Miscible

10. Stability and Reactivity

Reactivity:	No dangerous reaction known under conditions of normal use.
Chemical Stability	Stable under recommended storage conditions.
Conditions to Avoid	Heat, flames, and sparks.
Incompatible materials	Strong oxidizing agents, acid anhydrides, moisture.
Hazardous Decomposition Products	No dangerous decomposition products known. Decomposition products depend on conditions.

11. Toxicological Information

Health Effects	None known for the usual and ordinary uses of this product.
Eye Effects	Causes eye irritation.
Skin Effects	No effects are likely to occur during the foreseeable and reasonable use of the product. <i>May cause skin irritation.</i>
Sensitization	No effects are likely to occur during the foreseeable and reasonable use of the product.

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Inhalation No effects are likely to occur during the foreseeable and reasonable use of the product. *May cause nose and throat irritation.*

Additional toxicological information:

When used and handled according to specifications, the product does not have any harmful effects according to past experience and the information provided.

Toxicity:

May affect the brain and nervous system causing dizziness, headache and nausea. NOTICE: Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

**Studies have not been performed on this particular mixture. The information below is based on data on the individual ingredients.*

1-Methoxy-2-propanol: LD50 Oral - 5710 mg/kg; (Rat) LD50 Dermal - 5660 mg/kg (Rabbit).

Isopropanol: LD50 Oral - 5840 mg/kg; (Rat) LD50 Dermal - 12870 mg/kg (Rabbit); LD50 Dermal - 13900 mg/kg (Rat); LC50 72.6 mg/L (Rat) 4h.

12. Ecological Information

Toxicity:	Not expected to be harmful to the environment.
Aquatic toxicity	No information available for this mixture.
Persistence and degradability	No information available for this mixture.
Bio accumulative potential	No information available for this mixture.
Mobility in soil	No information available for this mixture.
Additional ecological information	No information available for this mixture.

13. Disposal Considerations

Dispose of all waste material in accordance with all applicable federal, state and local regulations for the disposal of aqueous polymer wastes.

14. Transport Information

This product is classified as an art material.

This product is not hazardous for shipping via any mode.

DOT	This regulation does not apply to the non-bulk material.
IMDG	This regulation does not apply to the non-bulk material.
ICAO/IATA	This regulation does not apply to the non-bulk material.

This information is not intended to convey all specific regulatory or operational requirements/information relating to this product. It is the responsibility of the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the materials.

15. Regulatory Information

Safety, health and environmental regulations/legislation specific for the substance or mixture.

SARA	Not applicable to this mixture.
Section 355 (extremely hazardous substances)	Not applicable to this mixture.
Section 313 (Specific toxic chemical listing)	Not applicable to this mixture.
TSCA (Toxic Substance Control Act)	All ingredients are listed.
California Proposition 65	As of November 15, 2018, no substance is disclosed by formula review that prompts or otherwise indicates that a California Proposition 65 warning notice is required on this product.
Carcinogenicity categories	Not applicable to this mixture.

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EPA (Environmental Protection Agency)	Not applicable to this mixture.
TLV (Threshold Limit Value established by ACGIH)	Not applicable to this mixture.
MAK (German Maximum Workplace Concentration)	Not applicable to this mixture.
NIOSH (National Institute for Occupational Safety & Health)	Not applicable to this mixture.
OSHA (Occupational Safety & Health Administration)	Not applicable to this mixture.

16. Other Information

Reason for Issue:	GHS Format
Prepared by:	Rudolph J. Jaeger, Ph.D., DABT, ERT (UK) Chief Toxicologist and President ENVIRONMENTAL MEDICINE, INC. 778 Carver Avenue WESTWOOD, NJ 07675 jaegerr@envmed.com 201-666-7929 x13

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Abbreviations and acronyms:

NFPA (SCALE 0-4) National Fire Protection Association (USA)

Health: 2	Warning: May be harmful if inhaled or absorbed.
Fire: 3	Warning: Flammable liquid flash point below 100°F.
Reactivity: 0	Stable: Not reactive when mixed with water.

HMIS (SCALE 0-4) Hazardous Materials Identification System (USA)

Health: 2	Moderate Hazard: Temporary or minor injury may occur.
Fire: 3	

Serious Hazard: Materials capable of ignition under almost all normal temperature conditions. Includes flammable liquids with flash points below 73°F and boiling points above 100°F. As well as liquids with flash points between 73°F and 100°F. (Classes IB & IC)

Slight Hazard: Materials which are normally stable, but can become unstable at high temperatures and pressures.

Reactivity: 1

Exposure Limits

TWA - Time Weighted Average (8 hr.)
STEL - Short Time Exposure Limit (15 min.)
REL - Recommended Exposure Limit
PEL - Permissible Exposure Limit
IDLH - Immediately Dangerous to Life or Health

Item Numbers: 19913-1001, 19913-1011, 19913-1021, 19913-1031, 19913-1041, 19913-1069, 19913-1109, 19913-1119, 19913-1201, 19913-1202, 19913-1211, 19913-1212, 19913-1221, 19913-1222, 19913-1231, 19913-1232, 19913-1233, 19913-1241, 19913-1242, 19913-1243, 19913-1244, 19913-1249, 19913-1251, 19913-1252, 19913-1253, 19913-1261, 19913-1262, 19913-1271, 19913-1272, 19913-1281, 19913-1282, 19913-1291, 19913-1292, 19913-2001, 19913-2011, 19913-2021, 19913-2022, 19913-2023, 19913-2031, 19913-2041, 19913-2051, 19913-2069, 19913-2201, 19913-2202, 19913-2211, 19913-2212, 19913-2221, 19913-2222, 19913-2231, 19913-2232, 19913-2241, 19913-2242, 19913-2249, 19913-2251, 19913-2252, 19913-2261, 19913-2262, 19913-2271, 19913-2272, 19913-2273, 19913-2281, 19913-2282, 19913-2283, 19913-2291, 19913-2292, 19913-2293, 19913-2301, 19913-2311, 19913-2321, 19913-2331, 19913-2341, 19913-2351, 19913-2361, 19913-2369, 19913-2801, 19913-2821, 19913-2831, 19913-2841, 19913-2851, 19913-2869, 19913-3001, 19913-3011, 19913-3021, 19913-3031, 19913-3041, 19913-3051, 19913-3069, 19913-3101, 19913-3111, 19913-3121, 19913-3131, 19913-3141, 19913-3151, 19913-3169, 19913-3201, 19913-3202, 19913-3203, 19913-3211, 19913-3212, 19913-3213, 19913-3221, 19913-3222, 19913-3223, 19913-3231, 19913-3232, 19913-3233, 19913-3241, 19913-3242, 19913-3249, 19913-3251, 19913-3252, 19913-3261, 19913-3262, 19913-3271, 19913-3272, 19913-3281, 19913-3282, 19913-3291, 19913-3292, 19913-4001, 19913-4011, 19913-4021, 19913-4031, 19913-4041, 19913-4051, 19913-4069, 19913-4201, 19913-4202, 19913-4203, 19913-4211, 19913-4212, 19913-4213, 19913-4214, 19913-4221, 19913-4222, 19913-4223, 19913-4231, 19913-4232, 19913-4241, 19913-4242, 19913-4249, 19913-4251, 19913-4252, 19913-4261, 19913-4262, 19913-4271, 19913-4272, 19913-4281, 19913-4282, 19913-4291, 19913-4292, 19913-5101, 19913-5111, 19913-5121, 19913-5131, 19913-5141, 19913-5151, 19913-5169, 19913-5901, 19913-5921, 19913-5931, 19913-5951, 19913-5961, 19913-5969, 19913-5991, 19913-6001, 19913-6011, 19913-6021, 19913-6031, 19913-6041, 19913-6051, 19913-6069, 19913-7001, 19913-7011, 19913-7021, 19913-7031, 19913-7041, 19913-7051, 19913-7069, 19913-8001, 19913-8021, 19913-8031, 19913-8041, 19913-8051, 19913-8069, 19913-8071, 19913-8081