

82315-XXXX

**KRINK****Safety Data Sheet Page: 1****Date of Issue:** 03/27/19**Latest Revision:** -**Revision #:** -

This document complies with the US OSHA Hazard Communication Standard (29 CFR 1910.1200), Canada WHMIS 2015 which includes the amended Hazardous Products Act (HPA) and the Hazardous Products Regulation (HPR), and Mexico's NMX-R-019-SC-2011.

**1. Identification of the Substance/Preparation and the Company Undertaking****GHS Product Identifier**

Product Form/Description:	Water-based Paint Marker
Product Name:	Krink K-11

**Other Means of Identification**

## Formula Codes

Light Blue	Purple	Light Green	Fluorescent Pink	Yellow	Orange	Blue	Black	Red	White	Silver
XVC3519	XVC08151 7	XVC51618	XVC32820 18	XVC21918	XVC08220 18	XVC22319	XVC31918	XVC04051 8	XVC41718	XVC89201 8

**Recommended use of the chemical and restrictions on use**

Recommended Use	Art Products Marking Pen for porous and non-porous surfaces
Uses Advised Against:	No information available

**Supplier's Details**

Manufacturer Address	Krink 32 33rd St., #11 Brooklyn, NY 11232
----------------------	---

**Emergency Telephone Number**

Chemtrec	US 800-424-9300	International 703-527-3887
----------	-----------------	----------------------------

**2. HAZARD IDENTIFICATION**

This Material is considered hazardous by the OSHA Hazard Communication Standard (CFR 1910.1200)

**Classification of the substance or mixture**

Physical Hazards	Not Classified
Health Hazards	Not Classified
Environmental Hazards	Not Classified

**Label Elements**

Hazard Statements	(NC) Not Classified – Not a hazardous substance or mixture.
-------------------	---

**Other Hazards**

This product does not contain any substances classified as PBT or vPvB

**GHS Label Elements**

Appearance:	Opaque Colors, varies
-------------	-----------------------

**KRINK****Safety Data Sheet Page: 2****Date of Issue:** 03/27/19**Latest Revision:** -**Revision #:** -

Physical state:	Aqueous
Odor:	Little to no odor

**Hazard Statements:**

<b>Code</b>	<b>Statement</b>
H315	Causes skin irritation. Causes serious eye irritation.

**3. COMPOSITION / INFORMATION ON INGREDIENTS****Hazardous substance(s) or mixture(s) (Paint Marker)**

<b>Chemical Name</b>	<b>CAS -No</b>	<b>Weight %</b>	<b>Trade Secret</b>
Amphorous Silica	112926-00-8	~1%	*
Ethanol	64-17-5	~3%	*
Water	7732-18-5	~60%	*
Styrene-Acrylate	100-42-5	~15%	*
Ammonia	7664-41-7	~1%	*
Pigment	Registered	~20%	*
Butoxyethanol	11-76-2	~3%	*
Additives	Registered	~1%	*

\* The exact percentage (concentration) of composition has been withheld as a trade secret.

**4. FIRST AID MEASURES****Description of necessary first-aid measures**

<b>General Advice</b>	If in doubt, get medical attention promptly. Show this Safety Data Sheet to the medical personnel.
<b>Inhalation</b>	Due to the physical nature of this product, exposure by this route is unlikely. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. No specific recommendations. If throat irritation or coughing persists, proceed as follows. Loosen tight clothing such as collar, tie or belt. Get medical attention if any discomfort continues.
<b>Ingestion</b>	Due to the physical nature of this product, it is unlikely that ingestion will occur. IF SWALLOWED: Give a few small glasses of water or milk to drink. Stop if the affected person feels sick as vomiting may be dangerous. Do not induce vomiting unless under the direction of medical personnel. Never give anything by mouth to an unconscious person.
<b>Skin Contact</b>	Wash skin thoroughly with soap and water.
<b>Eye Contact</b>	Due to the physical nature of this product, exposure by this route is unlikely. IF IN EYES: Remove any contact lenses and open eyelids wide apart. Rinse with water. Do not rub eye.
<b>Protection of First Aiders</b>	Use protective equipment appropriate for surrounding materials.

**Most important symptoms/effects, acute and delayed**

<b>General Information</b>	The product is considered to be a low hazard under normal conditions of use. The severity of the symptoms described will vary dependent on the concentration and the length of exposure.
<b>Inhalation</b>	No specific symptoms known. Due to the physical nature of this product, exposure by this route is unlikely.
<b>Ingestion</b>	No specific symptoms known.
<b>Skin Contact</b>	Prolonged or repeated contact with skin may cause irritation, redness and dermatitis.

**Indication of immediate medical attention and special treatment needed, if necessary**

<b>Note to Physician</b>	Treat symptomatically
<b>Specific Treatments</b>	No Specific Treatment Required

**5. FIRE-FIGHTING MEASURES****Suitable Extinguishing Media**

The product is not flammable. Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog. Use fire-extinguishing media suitable for the

**KRINK****Safety Data Sheet Page: 3****Date of Issue:** 03/27/19**Latest Revision:** -**Revision #:** -

surrounding fire.

**Unsuitable extinguishing media**

Do not use water jet as an extinguisher, as this will spread the fire.

**Specific Hazards arising from the chemical**

Containers can burst violently or explode when heated, due to excessive pressure build-up.

**Protective Equipment and Precautions for Firefighters**

Avoid breathing fire gases or vapors. Evacuate area. Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk. Cool containers exposed to flames with water until well after the fire is out. If a leak or spill has not ignited, use water spray to disperse vapors and protect men stopping the leak. Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. Firefighter's clothing conforming to European standard EN469 (including helmets, protective boots and gloves) will provide a basic level of protection for chemical incidents.

**6. ACCIDENTAL RELEASE MEASURES****Personal precautions, protective equipment and emergency procedures**

Personal Precautions:	Wear protective clothing as described in Section 8 of this safety data sheet.
Environmental Precautions:	The product is not expected to be hazardous to the environment.

**Methods and materials for containment and cleaning up**

Methods for Containment:	Prevent further leakage or spillage if safe to do so.
Methods for Cleaning Up	Reuse or recycle products wherever possible. Collect spillage. Dispose of contents/container in accordance with national regulations.

**7. HANDLING AND STORAGE****Precautions for safe handling**

Usage precautions	Read and follow manufacturer's recommendations. Wear protective clothing as described in Section 8 of this safety data sheet. Keep away from food, drink and animal feeding stuffs. Handle all packages and containers carefully to minimize spills. Keep container tightly sealed when not in use. Avoid the formation of mists. Do not handle until all safety precautions have been read and understood.
Advice on general occupational hygiene	Wash hands thoroughly after handling.

**Conditions for safe storage, including any incompatibilities**

Storage Precautions	No Specific recommendations.
Storage Class	Unspecified Storage

**Specific End Uses**

Specific end Uses	The identified uses for this product are detailed in Section 1.2.
-------------------	---

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION****Exposure Controls**

Appropriate engineering controls	Provide adequate ventilation. Observe any occupational exposure limits for the product or ingredients.
Eye/face protection	No specific eye protection required during normal use.
Hygiene measures	Good personal hygiene procedures should be implemented. When using do not eat, drink or smoke.
Respiratory protection	Respiratory protection not required.
Environmental exposure controls	Not regarded as dangerous for the environment.

**KRINK****Safety Data Sheet Page: 4****Date of Issue:** 03/27/19**Latest Revision:** -**Revision #:** -**9. PHYSICAL AND CHEMICAL PROPERTIES****Information on basic physical and chemical properties**

<b>Property</b>	<b>Value</b>	<b>Remarks/Method</b>
Physical State:	Liquid	None Known
Appearance and Odor:	Opaque, thin viscosity liquid with little to no odor.	None Known
Odor Threshold:	No Data	None Known
Vapor Density (AIR = 1):	Greater than one (1)	None Known
Vapor Pressure (mm-Hg @ 70°F):	No Data	None Known
Flash Point:	Not Applicable	Tag closed cup
Specific Gravity (H2O=1) @70°F:	>1	None Known
Flammability:	Not Applicable	None Known
Auto-ignition Temperature:	Not Applicable	None Known
Decomposition Temperature:	No Data	None Known
Melting Point:	<-10°C	None Known
Freezing Point:	Water / 0°C	None Known
Boiling Point:	Water / 100°C	None Known
Relative Evaporation Rate (Butyl Acetate = 1):	Less than one (1)	None Known
Solubility in Water:	Soluble	None Known
Log Pow:	No Data	None Known
PH:	7-8.5	None Known
Viscosity (Kinematic):	No Data	None Known
Viscosity (Dynamic):	No Data	None Known
Explosive limits	No Data	None Known
Explosive Properties	No Data	None Known
Oxidizing Properties	No Data	None Known
Volatile Organic Compound:	Water / 60-70%	None Known

**10. STABILITY AND REACTIVITY**

Reactivity	There are no known reactivity hazards associated with this product
Chemical Stability	Stable at normal ambient temperatures and when used as recommended. Stable under the prescribed storage conditions.
Possibility of Hazardous reactions	No potentially hazardous reactions known.
Hazardous Polymerization	Will not occur
Conditions to Avoid	There are no known conditions that are likely to result in a hazardous situation.
Incompatible Materials	None known.
Hazardous Decomposition products	Does not decompose when used and stored as recommended.

**11. TOXICOLOGICAL INFORMATION****Information on Toxicological Effects**

Toxicological effects	Information given is applicable to the product as supplied. The product is considered to be a low hazard under normal conditions of use.
-----------------------	--

**Acute Toxicity Oral**

Notes (oral LD <sub>50</sub> )	Based on available data the classification criteria are not met.
--------------------------------	--

**Acute Toxicity Dermal**

Notes (dermal LD <sub>50</sub> )	Based on available data the classification criteria are not met.
----------------------------------	--

**Acute Toxicity Inhalation**

Notes (inhalation LC <sub>50</sub> )	Based on available data the classification criteria are not met.
--------------------------------------	--

**Skin Corrosion/Irritation**

Animal data	Based on available data the classification criteria are not met.
-------------	--

**KRINK****Safety Data Sheet Page: 5****Date of Issue:** 03/27/19**Latest Revision:** -**Revision #:** -**Serious Eye Damage/Irritation**

Serious eye damage/irritation	Based on available data the classification criteria are not met.
-------------------------------	--

**Respiratory Sensitization**

Respiratory sensitisation	Based on available data the classification criteria are not met.
---------------------------	--

**Skin Sensitization**

Skin sensitization	Based on available data the classification criteria are not met.
--------------------	--

**Germ Cell Mutagenicity**

Genotoxicity - in vitro	Based on available data the classification criteria are not met.
-------------------------	--

**Carcinogenicity**

Carcinogenicity	Based on available data the classification criteria are not met.
IARC carcinogenicity	The product is not believed to present a hazard due to its physical nature. None of the Ingredients are listed or exempt.

**Reproductive Toxicity**

Reproductive toxicity - fertility	Based on available data the classification criteria are not met.
Reproductive toxicity - development	Based on available data the classification criteria are not met.

**Specific Target Organ toxicity – single exposure**

STOT - single exposure	Not classified as a specific target organ toxicant after a single exposure.
------------------------	---

**Specific Target Organ toxicity – repeated exposure**

STOT - repeated exposure	Not classified as a specific target organ toxicant after repeated exposure.
--------------------------	---

**Aspiration Hazard**

Aspiration hazard	Based on available data the classification criteria are not met.
General information	The product is considered to be a low hazard under normal conditions of use. No specific health hazards known. The severity of the symptoms described will vary dependent on the concentration and the length of exposure.
Inhalation	No specific symptoms known.
Ingestion	No specific symptoms known. May cause discomfort. Harmful dust may be released during cutting or grinding process.
Skin Contact	No specific health hazards known.
Eye contact	No specific health hazards known.
Target Organs	No specific target organs known.

**12. ECOLOGICAL INFORMATION****Ecotoxicity**

Ecotoxicity	Not regarded as dangerous for the environment.
-------------	--

**Toxicity**

Toxicity	The product is not believed to present a hazard due to its physical nature.
----------	---

**Persistence and Degradability**

Persistence and degradability	The degradability of the product is not known.
-------------------------------	--

**Bioaccumulative Potential**

Bio-accumulative Material	No data available on bioaccumulation.
---------------------------	---------------------------------------

**KRINK****Safety Data Sheet Page: 6****Date of Issue:** 03/27/19**Latest Revision:** -**Revision #:** -**Mobility in Soil**

Mobility	The product is non-volatile.
----------	------------------------------

**Other Adverse Effects**

Other Adverse Effects	None known
-----------------------	------------

**13. DISPOSAL CONSIDERATIONS****Waste treatment methods**

General Information	The generation of waste should be minimized or avoided wherever possible. Reuse or recycle products wherever possible. This material and its container must be disposed of in a safe way.
Disposal methods	Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.
Waste Class	17 02 04* glass, plastic and wood containing or contaminated with hazardous substances

**14. TRANSPORT INFORMATION**

<b><u>(Ground Transport) USDOT</u></b>	<b><u>(Sea Transport) IMDG/IMO</u></b>	<b><u>(Air Transport) IATA/ICAO</u></b>
Not classified as a dangerous good under transport regulations	Not classified as a dangerous good under transport regulations	Not classified as a dangerous good under transport regulations

**15. REGULATORY INFORMATION****Statement of Conformance for Art Materials:**

FROM: John J Clary, PH. D. Fellow ATS.

ART MATERIAL: K-55 from Krink, Its franchises, Distributors, and Dealers.

This Review is based on current chemical composition of the above named material, and specific information is acute and chronic toxicity, physical form, bioavailability, and concentrations used, standard practices and related information. The risk assessment on the material itself is attached. This material must be re-evaluated at least every five years (January 23 2020).

In my professional judgment, based on this evaluation, your art material listed above conforms to ASTM D 4236 (LHMA - 16 CFR 1500.14). It is my opinion that this material under reasonable handling or use (includes reasonable foreseeable accidental handling or use) should not cause personal injury or substantial illness nor would it be expected to be toxic, corrosive, or combustible, an irritant or a strong sensitizer by the oral, dermal, or inhalation routes of exposure as defined in the FHSA Regulations (16 CFR 1500.3 (b), (5), (8), (9)).

The statement 'Conforms to ASTM D 4236' is required for chronic toxicity on the label.

No labeling is required under the provisions of The California Safe Drinking Water and Toxic Enforcement Act of 1986

This Material is Determined to be Non-Toxic under Proposed us Conditions.

*John Clary*  
John J. Clary, Ph.D.  
Certified in General Toxicology  
Fellow, A.T.S.

**Regulatory Status:**

This product has been evaluated by a toxicologist and labeled for acute and chronic health hazards in accordance with the Labeling of Hazardous Art Materials Regulation and Federal Regulation 16 CFR 1500.14 of the Federal Hazardous Substances Act. This product conforms to ASTM D-4236 Standard Practice for Labeling Art Materials for Chronic Adverse health effects. This product has been certified by ACMI (Artists Craft Material Institute, Inc.) to carry the AP(Approved Product) Seal, meaning this product bears no chronic or acute human health hazards.

**US Federal Regulations:**

SARA Section 302 Extremely Hazardous Substances Tier II Threshold Planning Quantities	None of the ingredients are listed or exempt.
CERCLA/Superfund, Hazardous Substances/Reportable Quantities (EPA)	None of the ingredients are listed or exempt.

Item Numbers: 82315-1009, 82315-1023, 82315-2023, 82315-3013, 82315-3483, 82315-4013, 82315-4513, 82315-5013, 82315-5023, 82315-6003, 82315-7013, 82315-7023, 82315-9333

**KRINK****Safety Data Sheet Page: 7****Date of Issue:** 03/27/19**Latest Revision:** -**Revision #:** -

SARA Extremely Hazardous Substances EPCRA Reportable Quantities	None of the ingredients are listed or exempt.
SARA 313 Emission Reporting	None of the ingredients are listed or exempt.
CAA Accidental Release Prevention	None of the ingredients are listed or exempt.
FDA - Essential Chemical	None of the ingredients are listed or exempt.
FDA - Precursor Chemical	None of the ingredients are listed or exempt.

**US State Regulations:**

California Proposition 65 Carcinogens and Reproductive Toxins	None of the ingredients are listed or exempt.
California Air Toxics "Hot Spots" (A-I)	None of the ingredients are listed or exempt.
California Air Toxics "Hot Spots" (A-II)	None of the ingredients are listed or exempt.
California Directors List of Hazardous Substances	None of the ingredients are listed or exempt.
Massachusetts "Right To Know" List	None of the ingredients are listed or exempt.
Rhode Island "Right To Know" List	None of the ingredients are listed or exempt.
Minnesota "Right To Know" List	None of the ingredients are listed or exempt.
New Jersey "Right To Know" List	None of the ingredients are listed or exempt.
Pennsylvania "Right To Know" List	None of the ingredients are listed or exempt.

**Inventories:**

US - TSCA	None of the ingredients are listed or exempt.
US - TSCA 12(b) Export Notification	None of the ingredients are listed or exempt.

**16. OTHER INFORMATION**

General Information	This SDS is not mandated under REACH Regulation (EC) No 1907/2006 and is provided for information only. As supplied, this product does not meet the requirements for labeling.
Training Advice	Read and follow manufacturer's recommendations

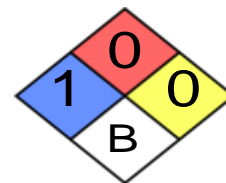
**HMIS CLASSIFICATION**

Health Hazard:	1
Flammability:	0
Physical Hazard:	0
PPE	Splash Goggles, Gloves, Apron

<b>Health Hazard:</b>	<b>1</b>
<b>Flamability:</b>	<b>0</b>
<b>Physical Hazard:</b>	<b>0</b>
<b>Personal Protection:</b>	<b>B</b>

**NFPA CLASSIFICATION**

Health Hazard	1
Flammability	0
Reactivity	0
Personal Protection	B

**End of Safety Data Sheet**