

**MATERIAL SAFETY DATA SHEET**  
**(MSDS)**  
**Speedball Brayer Soft Rubber**

**I. COMPANY AND PRODUCT IDENTIFICATION**

Company : Speedball Art Products  
2301 Speedball Rd  
Statesville, NC 28677

Tel: 800-898-7224

Date: January 2, 2012

Product: Rubber Roller Soft

Chemical Name: Natural Rubber

Trade Names: RMA IX

Emergency Phone Number: 800-898-7224

**II. INGREDIENTS / IDENTITY INFORMATION**

Major components: Natural Rubber

Minor Components: Zinc Oxide  
Sulfur  
Hydrocarbon Process Oil  
Accelerators / Activators (< 1%)  
Antioxidant / Stabilizers (< 1%)

### III. PHYSICAL PROPERTIES

Appearance	:	Flexible rubber rolls
Odor	:	Slight typical rubber product odor
Specific Gravity	:	1.10-1.20
Boiling Point	:	N/A
Melting Point	:	N/A
Decomposition Temperature	:	> 250 °C
Vapor Pressure	:	N/A
Percent Volatile	:	N/A
Solubility in water	:	Insoluble

### IV. FIRE AND EXPLOSION HAZARD DATA

Flash Point	:	> 300 ° C
Lower Explosion Limit	:	N/A
Upper Explosion Limit	:	N/A
Fire Hazard :	:	Stable under normal situation flammable / combustible under high heat and flame. Can generate toxic and combustible fumes, - Carbon monoxide nitrogen and hydrocarbon compounds, and soot.
Fire Fighting Procedures	:	Use full protective equipment filter masks etc.
Extinguishing Media	:	High expansion Foam, water fog and spray.

### V. HEALTH HAZARDS

Contact:	:	Wash hands with mild soap after handling. Avoid contact with eyes. If the eyes are irritated flush with water for ten minutes. Obtain medical attention. Avoid ingestion. If ingested seek medical attention.
Inhalation	:	Work in well-ventilated area.

### VI. REACTIVITY AND STABILITY

Stability	:	Product is non-reactive with non-polar chemicals and aqueous solutions. Do not use in contact with gasoline and hydrocarbon solvents.
-----------	---	--

Reactivity: : Stable under normal situation. Flammable and Combustible. Store below 35° C in cool, dry location.

## **VII. WASTE DISPOSAL**

: Disposal must be in accordance with, state and local regulations.  
Bury waste in approved landfill site.  
Do not incinerate.

## **VIII. PROTECTIVE EQUIPMENT**

Ventilation : : Local and general ventilation is necessary to keep air concentration below level of concern.

## **IX. STORAGE AND TRANSPORTATION**

Package product in paper, plastic film, or box in order to minimize surface exposure store in cool dry, ventilation area.

## **X. INFORMATION**

With appropriate commercial practices, the natural rubber materials and products are safe to handle and in storage.

# PRODUCT SAFETY DATA SHEET

## SPEEDY CARVE

### **1-IDENTIFICATION OF THE SUBSTANCE /PREPARATION AND THE COMPANY / UNDERTAKING**

#### **1.1. Product identifier**

- Product name: Speedy carve plates.
- Description: Plastic plates in different sizes, pink color and 6,5 mm thick
- CAS N° : Non-applicable
- REACH registration n°: Non-applicable
- Not suitable for children under 3 years. Small parts might be swallowed or inhaled

#### **1.2. Details of the supplier of the safety data sheet**

- Company: Speedball Art Products
- Address: 2301 Speedball Rd  
Statesville, NC 28677
- Tel: 800-898-7224
- Contact e-mail: [customerservice@speedballart.com](mailto:customerservice@speedballart.com)

### **2 – HAZARDS IDENTIFICATION**

No hazards to health under normal conditions of use.

### **3- COMPOSITION / INFORMATION ON INGREDIENTS**

Blend of alkyl sulphonic ester of phenol, calcium carbonate, polyvinylchloride, zinc stearate, titanium dioxide ,pink pigment and calcium stearate.

#### **4- FIRST AID MEASURES**

Eye contact: Irrigate with water. If symptoms persist seek medical attention.

Skin contact: Wash off with water and soap.

Ingestion: Seek medical attention.

Inhalation: n a

#### **5- FIRE-FIGHTING MEASURES**

**Extinguishing media:** Water, foam or sand.

Use fire extinguishing methods suitable to surroundings conditions

#### **6- ACCIDENTAL RELEASE MEASURES**

Collect in container for reuse (preferred) or disposal in accordance with local legislation

#### **7- HANDLING STORAGE**

No special precautions required.

#### **8- EXPOSURE CONTROLS / PERSONAL PROTECTION**

When handling observe the usual precautionary measures for toys conforming EN-71 1-2-3.

#### **9- PHYSICAL AND CHEMICAL PROPERTIES**

**Form:** Solid

**Color:** pink

**Odour:** Characteristic

**Boiling point:** n.a.

**Density:**  $1,47 \pm 0,02$  gr/cm<sup>3</sup>

**Viscosity:** n.a.

**Solubility in water:** no mixable

**PH:** n.a.

**Flammability:** n.d.

#### **10- STABILITY AND REACTIVITY**

Chemical stable under normal use

#### **11- TOXICOLOGICAL INFORMATION**

**Acute oral toxicity:** n.d

**Skin irritation:** n.d.

**Eye irritation:** n.d.

Conforms to EN71: 3 2013

## **12 – ECOLOGICAL INFORMATION**

Not available

## **13- DISPOSAL CONSIDERATIONS**

In accordance with local regulations

## **14- TRANSPORT INFORMATION**

Not classified as dangerous in the meaning of transport regulation

## **15- REGULATORY INFORMATION**

EU Regulation (EC) N°. 1907/2006 (REACH)

Annex XIV- List of substances subject to authorization

Annex XIV

None of the components are listed

Substances of very high concern

None of the components are listed

## **16- OTHER INFORMATION**

The data given here are based on raw materials safety data sheets, on current knowledge and experience

# Speedball Water-Soluble Block Printing Ink

## SAFETY DATA SHEET (SDS)

Version: 02

Date of Issue: December 22, 2023

According to: OSHA Hazard Communication Standard  
29 CFR 1910.1200(g) Rev. 2012

### Section 1 – Identification of the Substance/Mixture and of the Company/Undertaking

#### 1.1 Product identifier

Product Name: Speedball Water-Soluble Block Printing Ink (Black, Red, Blue, White, Green, Yellow, Brown, Orange, Violet, Turquoise, Magenta, Light Red, Dark Yellow, Gold, Silver, Pewter, Copper, Platinum White, Fluorescent Lime Green, Fluorescent Hot Pink, Fluorescent Orange, Fluorescent Magenta, Fluorescent Yellow, Fluorescent Blue, Process Cyan, Process Magenta, Process Yellow, Pearlescent Base, Retarder, Extender, Cornsilk, Leaf Green, Bluestone)

Product sizes: 37 mL (1.25 fl. oz.), 75 mL (2.5 fl. oz.), 148 mL (5 fl. oz.), 237 mL (8 fl. Oz)

Other Means of Identification: None known

Product Description: Coloured liquid ink formulations intended for arts and crafts purposes.

#### 1.2 Relevant identified uses of the substance or mixture and uses advised against

Relevant identified use(s): The product is intended for general (adults) arts and crafts purposes.

#### 1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier: Speedball Art Products Company, LLC  
2301 Speedball Rd  
Statesville, NC 28677 USA

Business Phone: +1 (704) 838-1475

Email: customerservice@speedballart.com

#### 1.4 Emergency telephone number

Emergency Telephone: Transportation emergencies only: Infotrac 1-352-323-3500

### Section 2 – Hazard(s) Identification

#### 2.1. Classification of the substance or mixture

According to: OSHA Hazard Communication Standard 29 CFR 1910.1200(g) Rev. 2012

Health	Environment	Physical
Not classified	Not classified	Not classified

#### 2.2. Label elements

Label Pictogram: None

Signal Word: None

Hazard Statement: None

Precautionary Statement: None

Supplemental Hazard Information: None

#### 2.3. Other hazards

- Mechanical irritation of the eyes and respiratory system may occur following exposure dusts.
- No other hazards have been identified for this product

## Section 3 – Composition / Information on Ingredients

### 3.1 Substances

The product is a mixture and not a substance.

### 3.2 Mixture

Chemical Name	CAS No.	EC No.	% Concentration	GHS Hazards
Titanium dioxide	13463-67-7	236675-5	up to 26.85%	H351: Carcinogenicity (Category 2) (inhalation)
Styrene acrylic resin solution	Proprietary	-	up to 4.63%	H320: Eye irritation (Category 2B)
Talc <sup>a</sup>	14807-96-6	238-877-9	up to 2.33%	-
Sodium nitrate	7631-99-4	231-554-3	up to 2.03%	H319: Eye irritation (Category 2)
Distillates petroleum hydrotreated light	64742-47-8	265-149-8	up to 1.32%	H304: Aspiration toxicity (Category 1)
Crystalline silica	14808-60-7	238-878-4	up to 0.72%	H350: Carcinogenicity (Category 1) (Inhalation); H372: Specific target organ toxicity (repeated exposure, Category 1, lungs)
Propylidyntrimethanol	77-99-6	201-074-9	up to 0.22%	H361: Reproductive toxicity (Category 2); (Suspected of damaging fertility or unborn child)

<sup>a</sup> Assessment of the product, was based on the assumption that the talc used in the product contains <0.1% asbestos fibers. If this is not the case, reassessment of the product is required.

The other ingredients in the product are either considered non-hazardous or are below their respective GHS cut-off values/concentration limits in the final product and were therefore not disclosed in the SDS.

It should be noted that the product may contain titanium dioxide (CAS No. 13463-67-7), crystalline silica (CAS No. 14808-60-7), and carbon black (CAS No. 1333-86-4) which may be hazardous when inhaled. Given the nature and physical form of the product (*i.e.*, liquid ink), airborne respirable particles would not likely be released from the product and therefore the hazard is not relevant to the product.

## Section 4 – First Aid Measures

### 4.1 Description of first aid measures

**Eye contact:** No specific first aid measures are required. As a precaution, remove contact lenses, if worn, and immediately flush eyes with water. Seek medical attention if in doubt.

**Skin contact:** No specific first aid measures are required. If irritation occurs, wash with plenty of water and soap. Take off contaminated clothing. If skin irritation persists: Get medical advice/attention.

**Inhalation:** No specific first aid measures are required. Inhalation route of exposure is not anticipated with intended use. If exposed to excessive levels of material in the air, move the exposed person to fresh air. Seek medical attention if in doubt.

**Ingestion:** No specific first aid measures are required. Rinse mouth with water. Do not induce vomiting. Never give anything by mouth to an unconscious person. Seek medical attention if in doubt.

### 4.2 Most important symptoms and effects, both acute and delayed

- Refer to **Section 11 - Toxicological Information**.

### 4.3 Indication of any immediate medical attention and special treatment needed

- Not required.

## Section 5 – Fire Fighting Measures

### 5.1 Extinguishing media

**Suitable Extinguishing Media:** Use extinguishing media suitable for surrounding area if material is involved in a fire (e.g., water fog, foam, dry chemical or carbon dioxide).

**Unsuitable Extinguishing Media:** None known.

### 5.2 Special hazards arising from the substance or mixture

**Hazardous combustion products:**

- Irritating vapours or fumes may form if product is involved in fire:
- Also see **Section 10** - Stability and Reactivity.

### 5.3 Advice for firefighters

- Wear a self-contained breathing apparatus to protect against potentially irritating vapours or fumes.

## Section 6 – Accidental Release Measures

### 6.1 Personal precautions, protective equipment (PPE) and emergency procedures

**Personal Precautions:** Ventilate area if spilled in confined space or other poorly ventilated areas. Observe PPE advice in **Section 8** – Exposure Controls/Personal Protection.

**Emergency Procedures:** Not available.

### 6.2 Environmental precautions:

- Prevent entry and contact with soil, drains, sewers, and waterways. Inform relevant local/regional/national/international authorities. Prevent further leakage or spillage if it is safe to do so.

### 6.3 Methods and material for containment and cleaning up

**Containment/Clean-up Measures:** Contain spill if safe to do so. Collect recoverable product and place in a designated container for recycle and/or disposal. Ventilate contaminated area thoroughly. Dispose of contents/container in accordance with local/regional/national/international regulations.

### 6.4 Reference to other sections

- Refer to **Section 8** - Exposure Controls/Personal Protection and **Section 13** – Disposal Considerations.

## Section 7– Handling and Storage

### 7.1 Precautions for safe handling

- Wash hands thoroughly after handling.
- Wash contaminated clothing before reuse.
- Employees should be trained in the safe use and handling of chemical materials.
- Refer to **Section 8** - Exposure Controls/Personal Protection.

### 7.2 Conditions for safe storage, including any incompatibilities

- Keep container tightly closed to avoid spills.
- Keep in a cool dry place.

### 7.3 Specific end use(s)

- Refer to **Section 1.2** - Relevant identified uses.

## Section 8– Exposure Controls / Personal Protection

### 8.1 Control Parameters:

**Occupational exposure limits:** Only vapours were considered to be foreseeable under conditions of normal use. Airborne particles, such as dust, are not foreseeable under conditions of normal use.

Chemical Name	CAS No.	ACGIH TLV TWA	OSHA PEL TWA	NIOSH REL TWA	DFG MAK
Talc	14807-96-6	2 mg/m <sup>3</sup>	2 mg/m <sup>3</sup>	2 mg/m <sup>3</sup> and <1% quartz	-
Titanium dioxide	13463-67-7	10 mg/m <sup>3</sup>	15 mg/m <sup>3</sup>	-	0.3 mg/m <sup>3</sup>
Carbon black	1333-86-4	3.5 mg/m <sup>3</sup>	3.5 mg/m <sup>3</sup>	3.5 mg/m <sup>3</sup>	
Crystalline silica	14808-60-7	0.025 mg/m <sup>3</sup>	0.05 mg/m <sup>3</sup>	0.05 mg/m <sup>3</sup>	-

### 8.2 Exposure Controls:

#### Appropriate engineering controls

- No special requirements under ordinary conditions of use and with adequate ventilation. Mechanical ventilation or local exhaust ventilation may be required.

### 8.3 Personal Protective Equipment

Note: Consider the concentration and amount of product at the workplace when selecting PPE. Use protective equipment as required.

- Respiratory:** Under normal conditions of use, respirator is not usually required. Use appropriate respiratory protection if exposure to dust particles, mist or vapors is likely. Consult with an industrial hygienist to determine the appropriate respiratory protection for your specific use of this material. A respiratory protection program compliant with all applicable regulations must be followed whenever workplace conditions require the use of a respirator.
- Eyes/Face:** If contact is likely, safety glasses with side shields are recommended.
- Hands:** Use good industrial hygiene practices to avoid skin contact. If contact with the material may occur, wear chemically protective gloves.
- Body/Skin:** Gloves, coveralls, apron, boots as necessary to minimize contact. Do not wear rings, watches or similar apparel that could entrap the material.
- Thermal Hazards:** None known.
- Environmental Exposure Controls:** Not available.
- Hygiene measures:** Observe good industrial hygiene practices. Avoid contact with skin. Contaminated work clothing should not be allowed out of the workplace and should be washed before reuse. When using the product do not eat, drink or smoke.

## Section 9 – Physical and Chemical Properties

### 9.1 Information on basic physical and chemical properties

Note: The data below are typical values and do not constitute a specification.

<b>Appearance:</b> <b>Physical state:</b> <b>Colour:</b> <b>Odour/Odour threshold:</b>	Liquid See Section 1.1 Not available	<b>Partition Coefficient n-octanol/water:</b> <b>Auto-ignition temperature:</b>	Not available Not available
<b>pH (as supplied):</b>	7 - 8	<b>Decomposition temperature:</b>	Not available
<b>Melting/freezing point:</b>	Not available	<b>Dynamic viscosity:</b>	Not available
<b>Boiling point/range:</b>	Not available	<b>Molecular weight:</b>	Not available
<b>Flash point:</b>	Not available	<b>Taste:</b>	Not available
<b>Evaporation rate:</b>	Not available	<b>Explosive properties:</b>	Not available
<b>Flammability:</b>	Not available	<b>Oxidizing properties:</b>	Not available
<b>Upper/lower explosive limits:</b>	Not available	<b>Surface tension:</b>	Not available
<b>Vapor pressure:</b>	Not available	<b>Volatile component:</b>	Not available
<b>Water solubility:</b>	Not available	<b>Gas group:</b>	Not available
<b>Vapor density (Air = 1):</b>	Not available	<b>pH (as solution):</b>	Not available
<b>Specific gravity (Water = 1):</b>	1.21 - 1.45	<b>VOC:</b>	Not available
<b>Relative density:</b>	Not available	<b>Particle size range:</b>	Not available

## Section 10 – Stability and Reactivity

### 10.1 Reactivity

- This material is not considered to be reactive under normal handling and storage conditions.

### 10.2 Chemical stability

- This material is considered stable under normal handling and storage conditions.

### 10.3 Possibility of hazardous reactions

- Not expected to occur under normal handling and storage conditions.

### 10.4 Conditions to avoid

- Exposure to high temperatures
- Strong acids
- Strong bases
- Strong oxidisers

### 10.5 Incompatible materials

- Strong acids
- Strong bases
- Strong oxidisers
- Strong reducing agents.

### 10.6 Hazardous decomposition products

- Thermal decomposition or combustion may generate smoke, carbon monoxide, carbon dioxide, and other products of incomplete combustion. Irritating and toxic substances may be emitted upon combustion, burning, or decomposition of dry solids.

## Section 11 – Toxicological Information

**Likely routes of exposure:** Skin contact.

**Potential signs and symptoms:** None expected under conditions of normal use.

<b>Acute oral toxicity:</b>	The product is practically non-toxic based on available animal and human use data. ATE >5000 mg/kg
<b>Acute dermal toxicity:</b>	The product is practically non-toxic based on available animal and human use data. ATE >5000 mg/kg
<b>Acute inhalation toxicity:</b>	The product is practically nontoxic based on available animal and human use data.
<b>Skin corrosion/irritation:</b>	The components >1% of this product are not skin irritants based on human and/or animal studies.
<b>Serious eye damage/irritation:</b>	Sodium nitrate (CAS No. 631-99-4) and styrene acrylic resin solution (proprietary) have been classified for eye irritation. The other components of this product >1% are not eye irritants based on human and/or animal studies.
<b>Respiratory or skin sensitization:</b>	The components in this product >0.1% are not sensitizing to the skin based on human and/or animal studies.
<b>Mutagenicity:</b>	The components in the product >0.1% are not mutagenic based on animal studies or no data identified for the components in this product.
<b>Carcinogenicity:</b>	Respirable titanium dioxide (CAS No. 13463-67-7) (airborne, unbound particles of respirable size) is listed in Group 2B by IARC. Respirable crystalline silica (CAS No. 14808-60-7) (listed as silica dust, crystalline, in the form of quartz or cristobalite) is listed in Group 1 by IARC. Titanium dioxide and crystalline silica are also listed as carcinogens by NTP and ACGIH. The other components in the product >0.1% are not carcinogenic based on animal studies or no data identified for the components in this product.
<b>Reproductive Toxicity:</b>	Propylidyntrimethanol (CAS No. 77-99-6) is classified for reproductive toxicity. The other components in the product >0.1% are not reproductive toxicants based on animal studies or no data identified for the components in this product.
<b>Specific target organ toxicity (single exposure):</b>	The components in the product >1% are not specific target organ toxicity (single exposure) toxicants based on animal studies or no data identified for the components in this product.
<b>Specific target organ toxicity (repeated exposure):</b>	The components in the product >1% are not specific target organ toxicity (repeated exposure) toxicants based on animal studies or no data identified for the components in this product.
<b>Aspiration hazard:</b>	Distillates petroleum hydrotreated light (CAS No. 64742-47-8) is classified for aspiration toxicity. The other components in the product >1% are not aspiration hazards based on animal studies or no data identified for the components in this product.

### References:

ECHA (European Chemicals Agency). 2023. REACH Registered Substances Database.

<https://echa.europa.eu/search-for-chemicals>

IARC (International Agency for Research on Cancer). 2023. Agents Classified by the IARC Monographs, Volumes 1–129. <https://monographs.iarc.who.int/list-of-classifications/>

NTP (National Toxicology Program). 2023. Report on Carcinogens, Fifteenth Edition.; Research Triangle Park, NC: U.S. Department of Health and Human Services, Public Health Service. <https://ntp.niehs.nih.gov/go/roc14>

## Section 12 – Ecological Information

### 12.1 Toxicity

- This product is not expected to be harmful or toxic to aquatic life.

### 12.2 Persistence and degradability

- No data available for the other components of the product.

### 12.3 Bioaccumulative potential

- No data available.

### 12.4 Mobility in Soil

- No data available.

### 12.5 Results of PBT and vPvB assessment

- No data available.

### 12.6 Other adverse effects

- No further data available.

#### References:

ECHA (European Chemicals Agency). 2023. REACH Registered Substances Database.  
<https://echa.europa.eu/search-for-chemicals>

## Section 13 – Disposal Considerations

### 13.1 Waste treatment methods

**Preparing wastes for disposal:** Use product for its intended purpose or recycle if possible. Dispose of waste in accordance with local, regional, national, and/or international regulations. The empty container has residues which may exhibit hazards of the product.

**Contaminated Packaging:** Container packaging is not expected to exhibit hazards.

## Section 14 – Transport Information

Note: This product is not regulated as dangerous goods for transport.

14.1 UN number	Not applicable
14.2 UN proper shipping name	Not applicable
14.3 Transport hazard class(es):	Not applicable
14.4 Packing group	Not applicable
14.5 Environmental hazards	None
14.6 Special precautions for user	None
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not applicable

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

**United States****Federal Regulations:****Comprehensive Environmental Response and Liability Act of 1980 (CERCLA):**

**Clean Water Act (CWA):** Hexachlorobenzene (CAS No. 118-74-1), antimony (CAS No. 1309-64-4), arsenic (CAS No. 7440-38-2), beryllium (CAS No. 7440-41-7), cadmium (CAS No. 7440-43-9), lead (CAS No. 7439-92-1), nickel (CAS No. 7440-47-3), mercury (CAS No. 7439-97-5), and hexavalent chromium (CAS No. 7440-47-3) are listed as toxic pollutants. No other components in this product are listed as toxic pollutants.

**Clean Air Act (CAA):** Propylene oxide (CAS No. 75-56-9), ethylene oxide (CAS No. 75-21-8), vanadium (CAS No. 1314-62-1), acetaldehyde (CAS No. 75-07-0) are listed by the CAA, each with a threshold quantity of 10,000 lbs. Formaldehyde (CAS No. 50-00-0) is listed by the CAA with a threshold quantity of 10,000 lbs. No other components in this product are listed under the CAA.

**Superfund Amendments and Reauthorization Act (SARA) Title III Information:**

**SARA 302 Components:** Ammonia (CAS No. 7664-41-7) and formaldehyde (CAS No. 50-00-0) have a reporting quantity of 500 lbs in accordance with S.302. Ethylene oxide (CAS No. 75-21-8) has a reporting quantity of 1,000 lbs in accordance with S.302. Propylene oxide (CAS No. 75-56-9) has a reporting quantity of 1,000 lbs in accordance with S.302. Vanadium (CAS No. 1314-62-1) has a reporting quantity of 100/ 10,000 lbs in accordance with S.302. No other components in this product are subject to reporting requirements of S.302.

**SARA 304 Emergency Release Notification:** Ammonia (CAS No. 7664-41-7), propylene oxide (CAS No. 75-56-9), and formaldehyde (CAS No. 50-00-0) have a reporting quantity of 100 lbs in accordance with S.304. Ethylene oxide (CAS No. 75-21-8) has a reporting quantity of 10 lbs in accordance with S.304. Vanadium (CAS No. 1314-62-1) has a reporting quantity of 1,000 lbs in accordance with S.304. No other components in this product are subject to reporting requirements of S.304.

**SARA 311/312 Hazards:** None.

**SARA 313 Components:** Aluminium, powder (stabilized) (CAS No. 7429-90-5), aluminium oxide (CAS No. 1344-28-1), ammonia (CAS No. 7664-41-7), propylene oxide (CAS No. 75-56-9), ethylene oxide (CAS No. 75-21-8), formaldehyde (CAS No. 50-00-0), 1,4-dioxane (CAS No. 123-91-1), ethyl acrylate (CAS No. 140-88-5), styrene (CAS No. 100-42-5), acetaldehyde (CAS No. 75-07-0), hexachlorobenzene (CAS No. 118-74-1), 2-methoxyaniline (CAS No. 90-04-0), 3,3'-dichlorobenzidine (CAS No. 91-94-1), C.I. Basic Violet 10 (CAS No. 81-88-9), antimony (CAS No. 1309-64-4), arsenic (CAS No. 7440-38-2), beryllium (CAS No. 7440-41-7), cadmium (CAS No. 7440-43-9), cobalt (CAS No. 7440-48-4), lead (CAS No. 7439-92-1), nickel (CAS No. 7440-47-3), vanadium (CAS No. 1314-62-1), mercury (CAS No. 7439-97-5), and hexavalent chromium (CAS No. 7440-47-3) are subject to reporting requirements of S.313. No other components in this product are subject to reporting requirements of S.313.

**Toxic Substances Control Act (TSCA):** Methylenediurea (CAS No. 13547-17-6), nepheline syenite - Minex 7 (Nepheline Syenite – various grades) (CAS No. 37244-96-5), methanol, (1H,3H,5H-oxazol[3,4-c]oxazol-7a(7H)-ylmethoxy)- (CAS No. 59720-42-2), 5-hydroxypoly (methyleneoxy (74% C2, 21% C3, 4% C4, 1% C5) methyl-1-aza-3, 7-dioxabicyclo- (3.3.0) octane (CAS No. 56709-13-8), and acrylic acid (CAS No. 79-41-7) are not listed on the non-confidential TSCA inventory. All other components are listed on the non-confidential TSCA inventory or are exempt.

**State Regulations:**

**California Candidate Chemicals List:** Crystalline silica (CAS No. 14808-60-7), carbon black (CAS No. 1333-86-4), octylphenol ethoxylate (CAS No. 9002-93-1), propylidynetrimethanol (CAS No. 77-99-6), titanium dioxide (CAS No. 13463-67-7), carbon black (CAS No. 1333-86-4), 2-butoxyethanol (CAS No. 111-76-2), ammonia (CAS No. 7664-41-7), umber (CAS No. 12713-03-0), talc (CAS No. 14807-96-6), propylene oxide (CAS No. 75-56-9), ethylene oxide (CAS No. 75-21-8), formaldehyde (gas) (CAS No. 50-00-0), 1,4-dioxane (CAS No. 123-91-1), ethyl acrylate (CAS No. 140-88-5), styrene (CAS No. 100-42-5), acetaldehyde (CAS No. 75-07-0), 2-methoxyaniline (CAS No. 90-04-0), 3,3'-dichlorobenzidine (CAS No. 91-94-1), C.I. basic Violet 10 (CAS No. 81-88-9), antimony (CAS No. 1309-64-4), arsenic (CAS No. 7440-38-2), beryllium (CAS No. 7440-41-7), cadmium (CAS No. 7440-43-9), cobalt (CAS No. 7440-48-4), lead (CAS No. 7439-92-1), nickel (CAS No. 7440-47-3), vanadium (CAS No. 1314-62-1), mercury (CAS No. 7439-97-5), chromium (CAS No. 7440-47-3), butanone oxime (CAS No. 96-29-7), and 2-butoxyethanol (CAS No. 111-76-2) are listed on California's Candidate Chemicals List.

**California Proposition 65 List:** Propylene oxide (CAS No. 75-56-9), ethylene oxide (CAS No. 75-21-8), formaldehyde (gas) (CAS No. 50-00-0), 1,4-dioxane (CAS No. 123-91-1), ethyl acrylate (CAS No. 140-88-5), styrene (CAS No. 100-42-5), acetaldehyde (CAS No. 75-07-0), hexachlorobenzene (CAS No. 118-74-1), 2-methoxyaniline (CAS No. 90-04-0), 3,3'-dichlorobenzidine (CAS No. 91-94-1), C.I. basic Violet 10 (CAS No. 81-88-9), antimony (CAS No. 1309-64-4), arsenic (CAS No. 7440-38-2), beryllium (CAS No. 7440-41-7), cadmium (CAS No. 7440-43-9),

cobalt (CAS No. 7440-48-4), lead (CAS No. 7439-92-1), nickel (CAS No. 7440-47-3), vanadium (CAS No. 1314-62-1), mercury (CAS No. 7439-97-5), hexavalent chromium (CAS No. 7440-47-3), methyl isobutyl ketone (CAS No. 108-10-1) and ethylene glycol (CAS No. 107-21-1). A screening assessment indicates that the trace levels of these constituents are not expected to be a cause for concern or require warnings as per California Proposition 65. Talc containing asbestiform fibers is listed on the Proposition 65 List; however, given the assumption that the talc used in the product contains <0.1% asbestos fibers, labelling requirements of Proposition 65 do not apply. Crystalline silica (particles of respirable size) (CAS No. 14808-60-7), titanium dioxide (CAS No. 13463-67-7), and carbon black (CAS No. 1333-86-4) are listed on the Proposition 65 List; however, given the nature and physical form of the product (*i.e.*, liquid ink), airborne respirable particles would not likely be released from the product and therefore the listed forms of titanium dioxide, carbon black, and crystalline silica are not relevant for the product. No other components in this product are listed on the Proposition 65 List.

**Maine List of Chemicals of High Concern:** Given the product is not considered to be a toy and is not intended for use by children, the List of Chemicals of High Concern is not applicable to the product.

**Massachusetts Toxic or Hazardous Substance List:** Formaldehyde (CAS No. 50-00-0), antimony (CAS No. 1309-64-4), arsenic (CAS No. 7440-38-2), cadmium (CAS No. 7440-43-9), cobalt (CAS No. 7440-48-4), nickel (CAS No. 7440-47-3), vanadium (CAS No. 1314-62-1), and chromium (CAS No. 7440-47-3) are listed on the Toxic or Hazardous Substance List. No other components in this product are listed on the Toxic or Hazardous Substance List.

**Minnesota Chemicals of High Concern List and Priority List:** Crystalline silica (CAS No. 14808-60-7), titanium dioxide (CAS No. 13463-67-7), carbon black (CAS No. 1333-86-4), 2-butoxyethanol (CAS No. 111-76-2), ammonia (CAS No. 7664-41-7), propylene oxide (CAS No. 75-56-9), ethylene oxide (CAS No. 75-21-8), formaldehyde (CAS No. 50-00-0), 1,4-dioxane (CAS No. 123-91-1), ethyl acrylate (CAS No. 140-88-5), styrene (CAS No. 100-42-5), acetaldehyde (CAS No. 75-07-0), hexachlorobenzene (CAS No. 118-74-1), 2-methoxyaniline (CAS No. 90-04-0), 3,3'-dichlorobenzidine (CAS No. 91-94-1), C.I. basic Violet 10 (CAS No. 81-88-9), antimony (CAS No. 1309-64-4), arsenic (CAS No. 7440-38-2), beryllium (CAS No. 7440-41-7), cadmium (CAS No. 7440-43-9), cobalt (CAS No. 7440-48-4), lead (CAS No. 7439-92-1), nickel (CAS No. 7440-47-3), vanadium (CAS No. 1314-62-1), mercury (CAS No. 7439-97-5), chromium (CAS No. 7440-47-3), methyl isobutyl ketone (CAS No. 108-10-1), and ethylene glycol (CAS No. 107-21-1) are listed on the Chemicals of High Concern and Priority list. No other components in this product are listed on the Chemicals of High Concern and Priority list.

**New Jersey Right to Know Hazardous Substance List:** 1,2-Propylene glycol (CAS No. 57-55-6), kaolin (CAS No. 1332-58-7), dipropylene glycol methyl ether (CAS No. 34590-94-8), glycerol (CAS No. 56-81-5), mica (CAS No. 12001-26-2), titanium dioxide (CAS No. 13463-67-7), aluminium, powder (stabilized) (CAS No. 7429-90-5), aluminium oxide (CAS No. 1344-28-1), carbon black (CAS No. 1333-86-4), propylene oxide (CAS No. 75-56-9), ethylene oxide (CAS No. 75-21-8), formaldehyde (gas) (CAS No. 50-00-0), 1,4-dioxane (CAS No. 123-91-1), ethyl acrylate (CAS No. 140-88-5), styrene (CAS No. 100-42-5), acetaldehyde (CAS No. 75-07-0), hexachlorobenzene (CAS No. 118-74-1), 2-methoxyaniline (CAS No. 90-04-0), 3,3'-dichlorobenzidine (CAS No. 91-94-1), C.I. basic Violet 10 (CAS No. 81-88-9), antimony (CAS No. 1309-64-4), arsenic (CAS No. 7440-38-2), beryllium (CAS No. 7440-41-7), cadmium (CAS No. 7440-43-9), cobalt (CAS No. 7440-48-4), lead (CAS No. 7439-92-1), nickel (CAS No. 7440-47-3), vanadium (CAS No. 1314-62-1), mercury (CAS No. 7439-97-5), chromium (CAS No. 7440-47-3), methyl isobutyl ketone (CAS No. 108-10-1), 2-butoxyethanol (CAS No. 111-76-2), 3-iodo-2-propynyl butyl carbamate, IPBC (CAS No. 55406-53-6), and ethylene glycol (CAS No. 107-21-1) are listed on the Right to Know Hazardous Substance List. No other components in this product are listed on the Right to Know Hazardous Substance List.

**Pennsylvania Hazardous Substance List:** 1,2-Propylene glycol (CAS No. 57-55-6), sodium nitrate (CAS No. 7631-99-4), crystalline silica (CAS No. 14808-60-7), magnesium oxide (CAS No. 1309-48-4), kaolin (CAS No. 1332-58-7), ammonium hydroxide (CAS No. 1336-21-6), dipropylene glycol methyl ether (CAS No. 34590-94-8), glycerol (CAS No. 56-81-5), mica (CAS No. 12001-26-2), titanium Dioxide (CAS No. 13463-67-7), aluminium, powder (stabilized) (CAS No. 7429-90-5), nitroethane (CAS No. 79-24-3), zinc oxide (CAS No. 1314-13-2), aluminium oxide (CAS No. 1344-28-1), carbon black (CAS No. 1333-86-4), 2-butoxyethanol (CAS No. 111-76-2), talc (CAS No. 14807-96-6), magnesium carbonate (CAS No. 546-93-0), basic Red 1 (CAS No. 989-38-8), propylene oxide (CAS No. 75-56-9), ethylene oxide (CAS No. 75-21-8), formaldehyde (gas) (CAS No. 50-00-0), 1,4-dioxane (CAS No. 123-91-1), ethyl acrylate (CAS No. 140-88-5), styrene (CAS No. 100-42-5), acetaldehyde (CAS No. 75-07-0), hexachlorobenzene (CAS No. 118-74-1), 2-methoxyaniline (CAS No. 90-04-0), 3,3'-dichlorobenzidine (CAS No. 91-94-1), C.I. basic Violet 10 (CAS No. 81-88-9), antimony (CAS No. 1309-64-4), arsenic (CAS No. 7440-38-2), beryllium (CAS No. 7440-41-7), cadmium (CAS No. 7440-43-9), cobalt (CAS No. 7440-48-4), lead (CAS No. 7439-92-1), nickel (CAS No. 7440-47-3), vanadium (CAS No. 1314-62-1), mercury (CAS No. 7439-97-5), chromium (CAS No. 7440-47-3), methyl isobutyl ketone (CAS No. 108-10-1), ethylene glycol (CAS No. 107-21-1), and 2-butoxyethanol (CAS No. 111-76-2) are listed on the Hazardous Substance List. No other components in this product are listed on the Hazardous Substance List.

**Vermont Chemicals of High Concern to Children:** Given the product is not considered to be a toy and is not intended for use by children, the Chemicals of High Concern to Children list is not applicable to the product.

**Washington Chemicals of High Concern to Children:** Given the product is not considered to be a toy and is not intended for use by children, the Chemicals of High Concern to Children list is not applicable to the product.

**International:**

**IARC:** Crystalline silica (particles of respirable size) (CAS No.14808-60-7), is listed as Group 1, carcinogenic to humans. Carbon black (CAS No. 1333-86-4) and titanium dioxide (CAS No. 13463-67-7) are listed as Group 2B, possibly carcinogenic to humans. Product classification is not warranted based on the nature of the product. Talc (CAS No. 14807-96-6), ethylene oxide (CAS No. 75-21-8), formaldehyde (CAS No. 50-00-0), arsenic (CAS No. 7440-38-2), beryllium (CAS No. 7440-41-7), cadmium (CAS No. 7440-43-9), and chromium (CAS No.7440-47-3) are listed as Group 1, carcinogenic to humans. Styrene (CAS No.100-42-5) and 2-methoxyaniline (CAS No.90-04-0) are listed as Group 2A, probably carcinogenic to humans. Propylene oxide (CAS No. 75-56-9), 1,4-dioxane (CAS No. 123-91-1), ethyl acrylate (CAS No. 140-88-5), acetaldehyde (CAS No. 75-07-0), hexachlorobenzene (CAS No. 118-74-1), 3,3'-dichlorobenzidine (CAS No. 91-94-1), antimony (CAS No. 1309-64-4), cobalt (CAS No. 7440-48-4), lead (CAS No. 7439-92-1), nickel (CAS No. 7440-47-3), vanadium (CAS No. 1314-62-1), and methyl isobutyl ketone (CAS No. 108-10-1) are listed as Group 2B, possibly carcinogenic to humans. Red iron oxide (CAS No.1309-37-1), 2-butoxyethanol (CAS No. 111-76-2), talc not containing asbestos or asbestiform fibers (CAS No. 14807-96-6), basic Red 1 (CAS No. 989-38-8), C.I. Basic Violet 10 (CAS No.81-88-9), mercury (CAS No. 7439-97-5), and 2-butoxyethanol (CAS No. 111-76-2) are classified as Group 3, not classifiable as to its carcinogenicity to humans. No other components in this product are classified with respect to carcinogenicity.

## 15.2 Chemical Safety Assessment

- None available for the components in this product.

Note: The information that was used to confirm the compliance status of this product may deviate from the chemical information shown in **Section 3**.

## Section 16 – Other Information

### ACMI Seal

The product is safe and is certified to contain no materials in sufficient quantities to be toxic or injurious to humans, including children, or to cause acute or chronic health problems.



**List of acronyms and abbreviations:**

ACGIH: American conference of Governmental Hygienists	OSHA: Occupational Safety and Health Administration
ATE: Acute Toxicity Estimate	PBT: Persistent, Bioaccumulative and Toxic
CAA: Clean Air Act	PEL: Permissible Exposure Level
CAS: Chemical Abstract Service Number	PPE: Personal Protective Equipment
CERCLA: Comprehensive Environmental Response and Liability Act	REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals
CFR: Code of Federal Regulations	REL: Recommended exposure level
CWA: Clean Water Act	RQ: Reportable quantity
DFG MAK: Deutsche Forschungsgemeinschaft Maximale Arbeitsplatz-Konzentration	SARA: Superfund Amendment and Reauthorization Act
EC: European Commission	SDS: Safety Data Sheet
ECHA: European Chemicals Agency	STOT RE: Specific target organ toxicity (repeated exposure)
GHS: Global Harmonized System	TLV: Threshold limit value
HEPA: High Efficiency Particulate Air	TWA: Time-weighted average
IARC: International Agency for Research on Cancer	TSCA: Toxic Substances Control Act
IBC: International Bulk Chemical	UN: United Nations
MARPOL: Maritime Pollution	vPvB: very Persistent, very Bioaccumulative
NIOSH: National Institute for Occupational Safety & Health	

**References:**

ECHA (European Chemicals Agency). 2023. REACH Registered Substances Database.

<https://echa.europa.eu/search-for-chemicals>

IARC (International Agency for Research on Cancer). 2023. Agents Classified by the IARC Monographs, Volumes 1–129. <https://monographs.iarc.who.int/list-of-classifications/>

NTP (National Toxicology Program). 2023. Report on Carcinogens, Fifteenth Edition.; Research Triangle Park, NC: U.S. Department of Health and Human Services, Public Health Service. <https://ntp.niehs.nih.gov/go/roc14>

**Disclaimer:**

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

**Revision Indicator:** This is a 1<sup>st</sup> revision Safety Data Sheet.

**Creation Date:** February 11, 2022

**Revision Date:** December 22, 2023