

# MATERIAL SAFETY DATA SHEET

VERSACHALK LIQUID CHALK MARKERS

FILE NO.:

MSDS DATE: 3/11/22

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## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

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### 1.1. PRODUCT IDENTIFIER

**PRODUCT FORM:** MIXTURE

**SYNONYMS:** LIQUID CHALK MARKER

#### PRODUCT CODE    PRODUCT NAME

VC001-B	CHALK MARKERS - NEON RED, BOLD, 1PC
VC001-F	CHALK MARKERS - NEON RED, FINE, 1PC
VC002-B	CHALK MARKERS - NEON ORANGE, BOLD, 1PC
VC002-F	CHALK MARKERS - NEON ORANGE, FINE, 1PC
VC004-B	CHALK MARKERS - NEON YELLOW, BOLD, 1PC
VC004-F	CHALK MARKERS - NEON YELLOW, FINE, 1PC
VC005-B	CHALK MARKERS - NEON GREEN, BOLD, 1PC
VC005-F	CHALK MARKERS - NEON GREEN, FINE, 1PC
VC006-B	CHALK MARKERS - NEON BLUE, BOLD, 1PC
VC006-F	CHALK MARKERS - NEON BLUE, FINE, 1PC
VC007-B	CHALK MARKERS - NEON PINK, BOLD, 1PC
VC007-F	CHALK MARKERS - NEON PINK, FINE, 1PC
VC008-B	CHALK MARKERS - NEON PURPLE, BOLD, 1PC
VC008-F	CHALK MARKERS - NEON PURPLE, FINE, 1PC
VC011-B	CHALK MARKERS - JET BLACK, BOLD, 1PC
VC011-F	CHALK MARKERS - JET BLACK, FINE, 1PC
VC012-B	CHALK MARKERS - WALNUT BROWN, BOLD, 1PC
VC012-F	CHALK MARKERS - WALNUT BROWN, FINE, 1PC
VC013-B	CHALK MARKERS - PURPLE GRAPE, BOLD, 1PC
VC013-F	CHALK MARKERS - PURPLE GRAPE, FINE, 1PC
VC014-B	CHALK MARKERS - BUTTERCREAM YELLOW, BOLD, 1PC
VC014-F	CHALK MARKERS - BUTTERCREAM YELLOW, FINE, 1PC
VC015-B	CHALK MARKERS - BRICK RED, BOLD, 1PC
VC015-F	CHALK MARKERS - BRICK RED, FINE, 1PC
VC016-B	CHALK MARKER - CLASSIC LIGHT BROWN, BOLD TIP
VC016-F	CHALK MARKER - CLASSIC LIGHT BROWN, FINE TIP
VC016-J	Chalk Marker - Classic Light Brown, Jumbo Tip
VC017-B	CHALK MARKERS - SAGE GREEN, BOLD, 1PC
VC017-F	CHALK MARKERS - SAGE GREEN, FINE, 1PC
VC018-B	CHALK MARKER - CLASSIC BLUE, BOLD TIP
VC018-F	CHALK MARKER - CLASSIC BLUE, FINE TIP
VC018-J	Chalk Marker - Classic Blue, Jumbo Tip
VC019-B	CHALK MARKERS - PEACH, BOLD, 1PC
VC019-F	CHALK MARKERS - PEACH, FINE, 1PC
VC029-B	CHALK MARKERS - IRIS VIOLET, BOLD, 1PC
VC029-F	CHALK MARKERS - IRIS VIOLET, FINE, 1PC
VC030-B	CHALK MARKERS - BLUSH PINK, BOLD, 1PC
VC030-F	CHALK MARKERS - BLUSH PINK, FINE, 1PC
VC032-B	CHALK MARKERS - ROYAL ORANGE, BOLD, 1PC
VC032-F	CHALK MARKERS - ROYAL ORANGE, FINE, 1PC
VC033-B	CHALK MARKERS - HAZELNUT BROWN, BOLD, 1PC
VC033-F	CHALK MARKERS - HAZELNUT BROWN, FINE, 1PC
VC034-B	CHALK MARKERS - PRIMROSE YELLOW, BOLD, 1PC
VC034-F	CHALK MARKERS - PRIMROSE YELLOW, FINE, 1PC
VC035-B	CHALK MARKERS - PATINA GREEN, BOLD, 1PC
VC035-F	CHALK MARKERS - PATINA GREEN, FINE, 1PC
VC036-B	CHALK MARKERS - SKY BLUE, BOLD, 1PC
VC036-F	CHALK MARKERS - SKY BLUE, FINE, 1PC
VC038-B	CHALK MARKERS - GLACIER GREY, BOLD, 1PC
VC038-F	CHALK MARKERS - GLACIER GREY, FINE, 1PC
VC039-B	CHALK MARKERS - WICKED VIOLET, BOLD, 1PC
VC039-F	CHALK MARKERS - WICKED VIOLET, FINE, 1PC
VC040-B	CHALK MARKERS - MANDY PINK, BOLD, 1PC
VC040-F	CHALK MARKERS - MANDY PINK, FINE, 1PC
VC041-B	CHALK MARKERS - CARDINAL RED, BOLD, 1PC
VC041-F	CHALK MARKERS - CARDINAL RED, FINE, 1PC
VC042-B	CHALK MARKERS - NECTARINE ORANGE, BOLD, 1PC
VC042-F	CHALK MARKERS - NECTARINE ORANGE, FINE, 1PC
VC043-B	CHALK MARKERS - STORM GREY, BOLD, 1PC
VC043-F	CHALK MARKERS - STORM GREY, FINE, 1PC
VC044-B	CHALK MARKERS - SUNFLOWER YELLOW, BOLD, 1PC
VC044-F	CHALK MARKERS - SUNFLOWER YELLOW, FINE, 1PC
VC045-B	CHALK MARKERS - TROPICAL GREEN, BOLD, 1PC
VC045-F	CHALK MARKERS - TROPICAL GREEN, FINE, 1PC

# MATERIAL SAFETY DATA SHEET

VERSACHALK LIQUID CHALK MARKERS

FILE NO.:

MSDS DATE: 3/11/22

---

VC046-B	CHALK MARKERS - AQUA BLUE, BOLD, 1PC
VC046-F	CHALK MARKERS - AQUA BLUE, FINE, 1PC
VC048-B	CHALK MARKERS - STONE GREY, BOLD, 1PC
VC048-F	CHALK MARKERS - STONE GREY, FINE, 1PC
VC049-B	CHALK MARKERS - PERIWINKLE BLUE, BOLD, 1PC
VC049-F	CHALK MARKERS - PERIWINKLE BLUE, FINE, 1PC
VC050-B	CHALK MARKERS - BURNT ORANGE, BOLD, 1PC
VC050-F	CHALK MARKERS - BURNT ORANGE, FINE, 1PC
VC102-B	CHALK MARKERS - NEON, BOLD, 8/SET
VC102-F	CHALK MARKERS - NEON, FINE, 8/SET
VC106-B	CHALK MARKERS - CLASSIC, BOLD, 10/SET
VC106-F	CHALK MARKERS - CLASSIC, FINE, 10/SET
VC145-B	CHALK MARKERS - PASTEL, BOLD, 8/SET
VC145-F	CHALK MARKERS - PASTEL, FINE, 8/SET
VC146-B	CHALK MARKERS - VIVID, BOLD, 8/SET
VC146-F	CHALK MARKERS - VIVID, FINE, 8/SET
VC148	CHALK MARKERS - WINE GLASS MARKERS - 6/SET

## 1.2. INTENDED USE OF THE PRODUCT

**USE OF THE SUBSTANCE/MIXTURE:** For marking on glass, plastics, or paper.

## 1.3. NAME, ADDRESS, AND TELEPHONE OF THE RESPONSIBLE PARTY

**COMPANY NAME:** South Street Designs LLC  
**DIVISION:** VersaChalk  
**ADDRESS:** 150 Bay Street, PH 10, Jersey City, New Jersey, USA 07302  
**PHONE NUMBER:** +201 431-8480 Loc. 106  
**E-MAIL:** development@versachalk.com

## 1.4. EMERGENCY TELEPHONE NUMBER

**EMERGENCY PHONE:** +201 431-8480 Loc. 106  
**CHEMTREC PHONE:** +201 431-8480 Loc. 106

# MATERIAL SAFETY DATA SHEET

VERSACHALK LIQUID CHALK MARKERS

FILE NO.:

MSDS DATE: 3/11/22

## SECTION 2: HAZARDS IDENTIFICATION

### 2.1. CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

#### GHS-US CLASSIFICATION

H320 Causes eye irritation.  
H313 May be harmful in contact with skin.  
H335 May cause respiratory irritation.  
H303 May be harmful if swallowed.

### 2.2. LABEL ELEMENTS

#### GHS-US LABELING

#### HAZARD PICTOGRAMS:

Non-hazardous.

#### SIGNAL WORD (GHS-US):

Classification is not possible.

#### HAZARD STATEMENTS (GHS-US):

H320 Causes eye irritation.  
H313 May be harmful in contact with skin.  
H335 May cause respiratory irritation.  
H303 May be harmful if swallowed.

#### PRECAUTIONARY STATEMENTS (GHS-US):

P103 Read labels before use.  
P233 Keep the container tightly closed.  
P234 Keep only in the original container.  
P262 Do not get in eyes, on skin, or on clothing.  
P301+P313 If swallowed - get medical advice/attention.  
P302+P350 If on skin - gently wash with plenty of soap and water.  
P333+P313 If skin irritation or rash occurs - get medical advice/attention.  
P304+P340 If inhaled - move the victim to fresh air and keep at rest in a position comfortable for breathing.  
P305+P350+P338 If in eyes - gently wash with plenty of soap and water. Remove contact lenses if present and easy to do - continue rinsing.  
P337+P313 If eye irritation persists - get medical advice/attention.  
P309+P313 If exposed or if you feel unwell - get medical advice/attention.  
P404+P410+P235 Store in a closed container. Protect from sunlight. Keep cool.

### 2.3. OTHER HAZARDS

**CHRONIC HEALTH HAZARDS:** Chronic inhalation studies performed with fine dust particles resulted in accumulations in the lung. Inhalation of fine dust particles is not expected to occur during normal conditions of use of this ink.

**CARCINOGENICITY:** None of the ingredients in this preparation are classified as carcinogens according to ACGIH, EU, IARC, MAK, NTP or OSHA.

### 2.4. UNKNOWN ACUTE TOXICITY (GHS-US)

**ACUTE HEALTH HAZARDS:** Any potential hazards and health effects are presumed to be due to exposure to the components.

**ROUTES OF ENTRY:** Potential routes of overexposure to this product are skin and eye contact. Inhalation of vapor and ingestion are not expected to be significant routes of exposure for this product under normal use conditions. Complete toxicity data are not available for this specific formulation.

# MATERIAL SAFETY DATA SHEET

VERSACHALK LIQUID CHALK MARKERS

FILE NO.:

MSDS DATE: 3/11/22

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1. SUBSTANCE

Not Applicable

### 3.2. MIXTURE

Trade Name	CHEMICAL FORMULA	CAS NO.	Percentage
Titanium Dioxide	Ti O <sub>2</sub>	13463.-67- 7	5.2-10.6 %
Isopropyl Alcohol	(CH <sub>3</sub> ) <sub>2</sub> CHOH	67-63-0	3.5-4.0%
Water	H <sub>2</sub> O	7732-18-5	40.6-52.5%
Fluorescent Pigment	MIX	As follows	12-38.5%
Dispersant Agent	MIX	25322-68-3	1.5-9.5%

Trade Name	COLOR	CAS NO.
Fluorescent Pigment	WHITE	25067-00-9
	GREEN	1328-53-6
	PINK	81-88-9 & 3068-39-1
	YELLOW	68427-35-0
	VIOLET	81-88-9 & 3520-42-1
	BLUE	147-14-8
	ORANGE	68427-35-0 & 26694-69-9
	RED	26694-69-9
	BLACK	1333-86-4
BROWN	68427-35-0 & 26694-69-9 & 1328-53-6	

Exposure limits have not been established for this product.

## SECTION 4: FIRST AID MEASURES

### 4.1. DESCRIPTION OF FIRST-AID MEASURES

**GENERAL FIRST-AID MEASURES:** Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

**FIRST-AID MEASURES AFTER INHALATION:** Move to fresh air. Administer oxygen if required. When symptoms occur: go into open air and ventilate suspected areas.

**FIRST-AID MEASURES AFTER SKIN CONTACT:** Wash affected areas thoroughly with mild soap and water. If irritation persists, get medical attention.

**FIRST-AID MEASURES AFTER CONTACT WITH EYES:** Do not rub eyes. Immediately flush with large amounts of clean, warm water (low pressure) for at least 15 minutes or until particles are removed, if irritation persists, get medical attention.

**FIRST-AID MEASURES AFTER INGESTION:** If ingestion of a large amount does occur, seek medical attention.

## SECTION 5: FIRE-FIGHTING MEASURES

### 5.1. EXTINGUISHING MEDIA

**SUITABLE EXTINGUISHING MEDIA:** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**UNSUITABLE EXTINGUISHING MEDIA:** For this mixture, no limitations of extinguishing agents are given.

### 5.2. SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE

**FIRE HAZARD:** Not combustible. Ambient fire may liberate hazardous vapors.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Upon decomposition, smoke, carbon monoxide, carbon dioxide and oxides of nitrogen may be produced.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1. PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT, AND EMERGENCY PROCEDURES

Wear appropriate personal protective equipment, ensure adequate ventilation, and remove all sources of ignition.

### 6.2. ENVIRONMENTAL PRECAUTIONS

Do not let the product enter drains. Do not flush into surface water or sanitary sewer systems.

### 6.3. METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP

Soak up with inert absorbent material. Slowly vacuum or sweep the material into a bag or other sealed container. Dispose of in compliance with federal, state, and local regulations. See also Section 13 for Disposal considerations.

# MATERIAL SAFETY DATA SHEET

VERSACHALK LIQUID CHALK MARKERS

FILE NO.:

MSDS DATE: 3/11/22

---

## SECTION 7: HANDLING AND STORAGE

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### 7.1. PRECAUTIONS FOR SAFE HANDLING

**PRECAUTIONS FOR SAFE HANDLING:** Keep containers tightly closed. Handle in well-ventilated areas. Avoid eye and skin contact. Avoid inhalation of dust. Smoking, eating and drinking should be prohibited in areas of storage and use. Always keep in containers made of the same material as the supply container. Good housekeeping standards are essential to avoid the exposure of all personnel and unreacted materials. The manual handling operation regulations may apply to the handling of containers of this product.

**HYGIENE MEASURES:** Not required.

### 7.2. CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

Store in a cool area. Avoid sunshine. Keep the container closed when not in use.

### 7.3. SPECIFIC END USE(S)

Apart from uses stated in Section 1.2, no other uses are stipulated.

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## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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### 8.1. CONTROL PARAMETERS

Ingredients with workplace control parameters.

### 8.2. EXPOSURE CONTROLS

#### ENGINEERING CONTROLS:

None required under normal use conditions.

#### VENTILATION:

Product is defined as non-hazardous when used directly in an office room with normal air circulations.

#### RESPIRATORY PROTECTION:

None required under normal use conditions.

#### EYE PROTECTION:

None required under normal use conditions.

#### SKIN PROTECTION:

None required under normal use conditions.

#### OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

None required under normal use conditions.

#### WORK HYGIENIC PRACTICES:

Contain no substances with occupational exposure limit values.

#### EXPOSURE GUIDELINES:

None required under normal use conditions.

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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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### 9.1. INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

**PHYSICAL STATE:** Mixture

**APPEARANCE:** Liquid Chalk

**ODOR:** Essentially Odorless

**pH (as supplied):** 6.5 - 7.6

**EVAPORATION RATE:** Evaporation rate has not been established for this product.

**MELTING POINT:** N/A

**FREEZING POINT:** -2 - 0 °C

**BOILING POINT:** 97-102 °C

**FLASH POINT:** N/A

**VAPOR PRESSURE:** Vapor pressure has not been established for this product.

**RELATIVE VAPOR DENSITY AT 20°C:** Vapor density has been established for this product.

**RELATIVE DENSITY:** Density has been established for this product.

**SPECIFIC GRAVITY:** 1.02 @ 25 °C

**SOLUBILITY:** Dilute in water.

**VISCOSITY:** 100-500 cps @ 25 °C

**PERCENT SOLIDS BY WEIGHT:** 10-20 %

**PERCENT VOLATILE:** None

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## SECTION 10: STABILITY AND REACTIVITY

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**STABILITY:** Stable under normal temperatures and pressures.

**CONDITIONS TO AVOID (STABILITY):** Strong oxidizing agents, strong acids, strong bases.

**INCOMPATIBILITY (MATERIAL TO AVOID):** None.

**HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:** Upon decomposition, smoke, carbon monoxide, carbon dioxide and oxides of nitrogen may be produced.

**HAZARDOUS POLYMERIZATION:** Will not occur.

**CONDITIONS TO AVOID (POLYMERIZATION):** Will not occur.

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VERSACHALK LIQUID CHALK MARKERS

FILE NO.:

MSDS DATE: 3/11/22

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## SECTION 11: TOXICOLOGICAL INFORMATION

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<b>11.1. INFORMATION ON TOXICOLOGICAL INFORMATION</b>	
<b>ACUTE TOXICOLOGY:</b>	NOT CLASSIFIED
<b>RATE ORAL LD 50G/KG BODY WEIGHT</b>	>10
<b>RABBIT DERMAL LD 50G/KG BODY WEIGHT</b>	> 3
<b>RATE INHALATION LC50 (4 HOURS)</b>	>4.280 PPM (> 20MG/L)
<b>EYE IRRITATION (SCORE OUT OF 110)</b>	SLIGHT (8)
<b>SKIN IRRITATION</b>	SLIGHT
<b>HUMAN SKIN SENSITIZATION</b>	NOT A SENSITIZER
<b>OCCUPATIONAL EXPOSURE LIMIT (OEL)</b>	300PPM
<b>EEC Classification and Labeling</b>	
<b>DANGER CLASS</b>	N/A
<b>DANGER SYMBOL</b>	N/A

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## SECTION 12: ECOLOGICAL INFORMATION

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### 12.1-12.6

No data available.

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## SECTION 13: DISPOSAL CONSIDERATIONS

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**WASTE DISPOSAL RECOMMENDATIONS:** Dispose of in accordance with applicable local/municipal, state/provincial and federal regulations.

**RCRA HAZARD CLASS:** Not applicable.

**EPA Hazardous Waste Code(s):** Not applicable.

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## SECTION 14: TRANSPORT INFORMATION

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### 14.1-14.6

This material is not subject to regulation as a hazardous material for shipping. Not classified as dangerous in the meaning of transport regulations.

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## SECTION 15: REGULATORY INFORMATION

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### 15.1. US FEDERAL REGULATIONS

**TSCA (TOXIC SUBSTANCE CONTROL ACT):** All chemical substances in this product comply with all rules or orders under TSCA.

**CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT):** Not listed

**SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT):** Not listed

**311/312 HAZARD CATEGORIES:** No

**313 REPORTABLE INGREDIENTS:** No

### 15.2. STATE REGULATIONS

Not regulated

### 15.3. INTERNATIONAL REGULATIONS

Not regulated

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## SECTION 16: OTHER INFORMATION

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**OTHER INFORMATION:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.

**DISCLAIMER:** This Material Safety Data Sheet document is provided without charge to customers of South Street Designs, LLC. Data is the most current known to South Street Designs, LLC. at the time of preparation of this document and is believed to be accurate. It should not be construed as guaranteeing specific properties of the products as described or suitability for a particular application. This document was prepared to the requirements of the jurisdiction specified in Section 1 above and may not meet regulatory requirements in other countries. This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.