

24578-1002

MATERIAL SAFETY DATA SHEET

VERSACHALK LIQUID CHALK MARKERS

FILE NO.:
MSDS DATE: 11/02/20**SECTION 1: PRODUCT AND COMPANY IDENTIFICATION****PRODUCT NAME:****SYNONYMS:****PRODUCT CODES:**

VC101-C2-A CHALK MARKERS - WHITE, COMBO SET, 2PC
VC101-C5-A CHALK MARKERS - WHITE, COMBO SET, 5PC
VC101-B4 CHALK MARKERS - WHITE, BOLD, 4/SET
VC101-B10 CHALK MARKERS - WHITE, BOLD, 10/SET
VC101-F4 CHALK MARKERS - WHITE, FINE, 4/SET
VC101-F10 CHALK MARKERS - WHITE, FINE, 10/SET
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
VC130-F CHALK MARKERS - WINE GLASS MARKERS - 7/SET

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
VC003-B CHALK MARKERS - WHITE, BOLD, 1PC
VC003-F CHALK MARKERS - WHITE, 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
VC017-B CHALK MARKERS - SAGE GREEN, BOLD, 1PC
VC017-F CHALK MARKERS - SAGE GREEN, FINE, 1PC
VC019-B CHALK MARKERS - PEACH, BOLD, 1PC
VC019-F CHALK MARKERS - PEACH, 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
VC043-B CHALK MARKERS - STORM GREY, BOLD, 1PC
VC043-F CHALK MARKERS - STORM 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

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MANUFACTURER: South Street Designs LLC**DIVISION:** VersaChalk**ADDRESS:** 150 Bay Street, PH 10, Jersey City, New Jersey, USA 07302**EMERGENCY PHONE:** TEL: +201 431-8480 Loc. 106**CHEMTREC PHONE:** TEL: +201 431-8480 Loc. 106**OTHER CALLS:** TEL: +201 431-8480 Loc. 106**FAX PHONE:** N/A**CHEMICAL NAME:** Mixture**CHEMICAL FAMILY:** Mixture**CHEMICAL FORMULA:** Mixture**PRODUCT USE:** For marking on glass, plastics, or paper**PREPARED BY:** VersaChalk

150 Bay Street, PH 10, Jersey City, New Jersey, USA 07302

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E-mail.: michelle@versachalk.com

FILE NO.:**MSDS DATE:** 11/02/20**SECTION 1 NOTES:**

SECTION 2: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

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.

POTENTIAL HEALTH EFFECTS

EYES: Contact with eyes may result in irritation.

SKIN: Contact with skin may result in irritation.

INGESTION: Ingestion may result in nausea, vomiting and diarrhea.

INHALATION: Inhalation may result in respiratory irritation.

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

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

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Eye contact 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. .

Skin contact Wash affected areas thoroughly with mild soap and water. If irritation persists get medical attention.

Inhalation Move to fresh air. If symptoms persist, get medical attention.

Ingestion If ingestion of a large amount does occur, seek medical attention.

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

SECTION 2 NOTES:

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FILE NO.:
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Trade Name	CHEMICAL FORMULA	CAS NO.	Percentage
Titanium Dioxide	Ti O ₂	13463.-67- 7	5.2-10.6 %
Isopropyl Alcohol	(CH ₃) ₂ CHOH	67-63-0	3.5-4.0%
Water	H ₂ 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 3 NOTES:**SECTION 4: FIRST AID MEASURES**

EYES: Flush with water for at least 15 minutes. See physician if irritation persists.

SKIN: Wash with soap and water.

INGESTION: Not known

INHALATION: Remove to fresh air. Administer oxygen if required.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS:**SECTION 4 NOTES:****SECTION 5: FIRE-FIGHTING MEASURES**

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 FLAMMABLE LIMITS IN AIR, UPPER: Not available

FILE NO.:
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FLASH POINT: Not available

AUTOIGNITION TEMPERATURE: Not available

NFPA HAZARD CLASSIFICATION

HEALTH: 0 FLAMMABILITY: 0 REACTIVITY: 0
 OTHER:

HMS HAZARD CLASSIFICATION

HEALTH: 0 FLAMMABILITY: 0 REACTIVITY: 0
 PROTECTION:

EXTINGUISHING MEDIA: CO2, water, dry chemical, or foam Dry chemical, CO2, water spray or regular foam

SPECIAL FIRE FIGHTING PROCEDURES: N/A

UNUSUAL FIRE AND EXPLOSION HAZARDS: None

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

SECTION 5 NOTES:

SECTION 6: ACCIDENTAL RELEASE MEASURES**ACCIDENTAL RELEASE MEASURES:**

Personal precautions Wear appropriate personal protective equipment. Wear appropriate personal protective equipment and Ensure adequate ventilation and Remove all sources of ignition.

Environmental precautions Do not let product enter drains. Do not flush into surface water or sanitary sewer system. Do not let product enter drains and Do not flush into surface water or sanitary sewer system.

Other information 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 Disposal considerations. Soak up with inert absorbent material. Clean remainder with a damp cloth or vacuum cleaner, Dispose of in compliance with federal, state, and local regulations, See also section 13 Disposal considerations.

SECTION 6 NOTES: None

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE: Stored in a cool area. Avoid sunshine. Keep container closed when not in use.

OTHER PRECAUTIONS:

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 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.

SECTION 7 NOTES: None

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: None required under normal use conditions.

VENTILATION: Product is defined as non-hazard 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.

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FILE NO.:
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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Liquid chalk**ODOR:** Essentially odorless**PHYSICAL STATE:** Mixture**pH AS SUPPLIED:** 6.5-7.6**pH (Other):****BOILING POINT:** 97-102 °C**MELTING POINT:** N/A**FREEZING POINT:** -2 – 0 °C**VAPOR PRESSURE (mmHg):** Vapor pressure has not been established for this product.**VAPOR DENSITY (AIR = 1):** Vapor density has not been established for this product.**SPECIFIC GRAVITY (H₂O = 1):** 1.02 @ 25 °C**EVAPORATION RATE:**Evaporation rate has not been established for this product.**BASIS (=1):**

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (con't)

SOLUBILITY IN WATER: Dilute in water**PERCENT SOLIDS BY WEIGHT:** 10-20 %**PERCENT VOLATILE:** None**MOLECULAR WEIGHT:** N/A**VISCOSITY:** 100-500 cps @ 25 °C**SECTION 9 NOTES:**

SECTION 10: STABILITY AND REACTIVITY

STABLE**UNSTABLE****STABILITY:** Stable under normal temperatures and pressures.**CONDITIONS TO AVOID (STABILITY):** Strong oxidizing agents, strong acids, strong bases.**INCOMPATIBILITY (MATERIAL TO AVOID):****HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:**

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 HAZARDOUS POLYMERIZATION: Will not occur.

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CONDITIONS TO AVOID (POLYMERIZATION): Will not occur.

SECTION 10 NOTES:**SECTION 11: TOXICOLOGICAL INFORMATION****TOXICOLOGICAL INFORMATION:**

Acute toxicology

RATE ORAL LD 50G/KG BODY WEIGHT	>10
RABBIT DERMAL LD 50G/KG BODY WEIGHT	> 3
RATE INHALATION LC50 (4 HOURS)	>4.280 PPM (> 20MG/L)
EYE IRRITATION (SCORE OUT OF 110)	SLIGHT 8
SKIN IRRITATION	SLIGHT
HUNAM SKIN SENSITIZATION	NOT A SENSITIZER
OCCUPATIONAL EXPOSURE LIMIT (OEL)	300PPM

EEC classification and labeling

DANGER CLASS	N/A
DANGER SYMBOL	N/A

SECTION 11 NOTES:**SECTION 12: ECOLOGICAL INFORMATION**

ECOLOGICAL INFORMATION: No Data Available

SECTION 12 NOTES:**SECTION 13: DISPOSAL CONSIDERATIONS**

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

RCRA HAZARD CLASS: Not applicable

SECTION 13: DISPOSAL CONSIDERATIONS (con't)**SECTION 13 NOTES:**

EPA Hazardous Waste Code(s): Not applicable.

SECTION 14: TRANSPORT INFORMATION**U.S. DEPARTMENT OF TRANSPORTATION**

PROPER SHIPPING NAME:

HAZARD CLASS: This material is not subject to regulation as a hazardous material for shipping

SECTION 14 NOTES:**SECTION 15: REGULATORY INFORMATION**

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U.S. FEDERAL REGULATIONS**FILE NO.:****MSDS DATE: 11/02/20****TSCA (TOXIC SUBSTANCE CONTROL ACT):** US EPA TSCA Inventory: 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**STATE REGULATIONS:** Not regulated**INTERNATIONAL REGULATIONS:** Not regulated**SECTION 15 NOTES:**

SECTION 16: OTHER INFORMATION

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.**PREPARATION INFORMATION:****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.