

# Material Safety Data Sheet

2. Product identification: **Fluorescent chalk marker**

3. Composition/information on ingredients:

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	3.5-8.2%
Water	H <sub>2</sub> O	7732.18.5	40.6-52.5%
Vicome Corp Fluorescent Pigment	MIX	As follows	12-38.5%
DISPERSING AGENT	MIX	8052.41.3	1.5-9.5%

Trade Name	COLOR	CAS NO.
Pigment	WHITE	25067.00.9
	GREEN	1328.53.6
	PINK	26694.69.9 & 12239.58.6
	YELLOW	12239.58.6
	VIOLET	6441.82.3
	BLUE	147.14.8
	ORANGE	12239.58.6 & 26694.69.9
	RED	26694.69.9
	BLACK	1333.86.4

4. First-Aid Measures:

- 1). EYE: Flush with water for at least 15 minutes.  
See physician if irritation persists
- 2). SKIN: Wash with soap and water.
- 3). INHALATION: Remove to fresh air. Administer oxygen if required.
- 4). INGESTION: Not know

*The information contained in the Material Safety Data Sheet is based on data considered to be accurate, however, no warranty is expressed or implied regarding the accuracy of the data or the result to be obtained from the use thereof.*

5. Fire-Fighting Measures:

- Flash point: N/A
- Fire and Explosion Hazard: N/A
- Explosion Limits In Air(Vol.%): None
- Fire Extinguisher: Foam or CO<sub>2</sub>. water for or dry chemical

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6. Accidental Release Measures;  
Collect with suitable absorbent

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7. Handling and Storage:  
Store in a cool area-avoid sunshine-And keep container closed when not in use

8. Special Protection:

(1). ENGINEERING CONTROLS:

NONE REQUIRED UNDER NORMAL USE CONDITIONS.

(2). EYE/FACE PROTECTION:

NONE REQUIRED UNDER NORMAL USE CONDITIONS.

(3). SKIN PROTECTION:

NONE REQUIRED UNDER NORMAL USE CONDITIONS.

(4). RESPIRATORY PROTECTION:

NONE REQUIRED UNDER NORMAL USE CONDITIONS.

(5). OTHERS:

PRODUCT IS DEFINED AS NON-HAZARD WHEN USED DIRECTLY IN AN OFFICE ROOM WITH NORMAL AIR CIRCULATION.

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9. Physical and chemical properties:

Appearance

Fluorescent liquid chalk

Odour

Essentially odourless

Chemical Type: Mixture

Boiling Point :100°C

Specific Gravity:1.02

PH Value : 7

Solubility : Dilutable with water

Flash Point: None

Decomposition Point:350°C

Vapor Density:N/A

Vapor Pressure : N/A

10. Stability and reactivity:

- 1. STABILITY: Stable in normally
  - 2. Conditions contributing to Hazardous Polymerization: Will not occur
- THE ABOVE DATA IS APPLIED TO FLUORESCENT LIQUID CHALK ONLY.

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11. Toxicological information:

**1. ACUTE TOXICOLOGY:**

RATE ORAL LD50G/KG	BODY WEIGHT	>10
RABBIT DERMAL LD 50G/KG	BODY WEIGHT	> 3
RATE INHALATION LC50 (4 HOURS)		>4.280PPM(> 20MG/L)
EYE IRRITATION (SCORE OUT OF 110)		SLIGHT 8
SKIN IRRITATION		SLIGHT
HUNAM SKIN SENSITIZATION		NOT A SENSITIZER
OCCUPATIONAL EXPOSURE LIMIT(OEL)		300PPM

**2. EEC CLASSIFICATION AND LABELLING**

DANGER CLASS	HIGHLY FLAMMABLE
DANGER SYMBOL	FLAMMABLE

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12. Ecological information:

No Data Available

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13. Disposal considerations:

Dispose of in accordance with local, national rules

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14. Transportation:

No dangerous goods according to the current transport regulation

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15. Regulatory information:

**EEC CLASSIFICATION AND LABELLING**

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DANGER SYMBOL	FLAMMABLE

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16. Other information:

MISCELLANEOUS INFORMATION : NONE

*The information provided above is for general guidance only without responsibility on our part and is subject to change without notice. Users are advised to test our products to ensure they are suitable for the application for which they are intended and conform to the relevant Health and Safety requirements before adopting them on a commercial scale.*