

# Safety Data Sheet

DATE PREPARED

## SECTION 1: Identification

**6236** LIGHT GREEN MIXTURE

HMIS Classification:

Health 2\*  
Flammability 0  
Reactivity 0  
Personal Protection See Section 8



MANUFACTURERS OF CERAMIC COLORS

Product number **6236 CHARTREUSE**

### 1.4 Supplier's details

**Name** Mason Color Works Inc.  
**Address** 250 East Second Street  
East Liverpool, Ohio 43920  
USA  
**Telephone** 330 385 4400  
**Fax** 330 385 4488

## SECTION 2: Hazard identification

### 2.1 Classification of the substance or mixture

GHS classification in accordance with OSHA (29 CFR 1910.1200) Not a hazardous substance or mixture.

### 2.2 GHS label elements, including precautionary statements

Not a hazardous substance or mixture.

### 2.3 Other hazards which do not result in classification

Not a hazardous substance or mixture.

## SECTION 3: Composition/information on ingredients

|                                      |                         | %  | EC no.    | CAS no.    | Index no.  | Formula     |
|--------------------------------------|-------------------------|----|-----------|------------|------------|-------------|
| TIN VANADIUM YELLOW CASSITERITE      | C.I. Pigment Yellow 158 | 47 | 269-055-8 | 68186-93-6 | C.I. 77862 | (Sn,V)O2    |
| ZIRCONIUM PRASEODYMIUM YELLOW ZIRCON | C.I. Pigment Yellow 159 | 42 | 269-075-7 | 68187-15-5 | CI 77997   | (Zr,Pr)SiO4 |
| ZIRCONIUM VANADIUM BLUE ZIRCON       | C.I. Pigment Blue 71    | 11 | 269-057-9 | 68186-95-8 | C.I. 77998 | (Zr,V)SiO4  |

## SECTION 4: First-aid measures

- Contact with skin: Wash with plenty of water and soap.
- Contact with eyes: Wash immediately with water for at least 10 minutes.
- Swallowing: Induce vomiting. SEEK A MEDICAL EXAMINATION IMMEDIATELY and present the safety-data sheet.  
A suspension of activated charcoal in water, or liquid paraffin may be administered.
- Inhalation: Ventilate the premises.  
The patient is to be removed immediately from the contaminated premises and made to rest in a well ventilated area.  
Should the patient feel unwell, OBTAIN MEDICAL ATTENTION

## SECTION 5: Fire-fighting measures

- Recommended extinguishers: Water, CO2, Foam, Chemical powders, according to the materials involved in the fire.
- Extinguishers not to be used: None in particular.
- Risks arising from combustion: Avoid inhaling the fumes.
- Protective equipment: Use protection for the respiratory tract.

## SECTION 6: Accidental release measures

- **Measures for personal safety:** Use gloves and protective clothing. In the event of particulates aerosols use respiratory protection.
- **Environmental measures:** . Keep away from drains, surface- and ground-water and soil
- **Cleaning methods:** Limit leakages with earth or sand. If the product has escaped into a water course, into the drainage system, or has contaminated the ground or vegetation, notify the competent authorities. Remove the waste materials with a suitable device (for instance a suction pump) and dispose. After the product has been recovered, rinse the area and materials involved with water.

## SECTION 7: Handling and storage

- **Handling precautions:** Wear suitable gloves, glasses and face protection. Avoid contact and inhalation of the vapours/powders. Do not eat or drink while working.
- **Incompatible materials:** None in particular.
- **Storage conditions:** Always keep the containers tightly closed.
- **Instructions as regards storage premises:** Adequately ventilated premises.

## SECTION 8: Exposure controls / personal protection

|   | ACGIH-TLVs                   | OSHA PELs                    | NOISHA RELs            |
|---|------------------------------|------------------------------|------------------------|
| Vanadium Fume (as V <sub>2</sub> O <sub>5</sub> ) | 0.05 mg/m <sup>3</sup>       | 0.05 mg/m <sup>3</sup>       | 0.05 mg/m <sup>3</sup> |
| Zirconium Compounds (as Zr)                       | 10 mg/m <sup>3</sup> (total) | 15 mg/m <sup>3</sup> (total) | 5 mg/m <sup>3</sup>    |

Personal protective equipment

Respiratory protection:

Suitable respiratory protection for higher concentrations or long-term effect: Particle filter EN 143 Type P1, low efficiency, (solid particles of inert substances).

Hand protection:

Chemical resistant protective gloves (EN 374)

e.g. nitrile rubber (0.4 mm), chloroprene rubber (0.5 mm), polyvinylchloride (0.7 mm) and other

Manufacturer's directions for use should be observed because of great diversity of types.

Eye protection:

Safety glasses with side-shields (frame goggles) (EN 166)

General safety and hygiene measures:

Handle in accordance with good industrial hygiene and safety practice. Due to the colouring properties of the product closed work clothes should be used, to avoid stains during manipulation. Hands and/or face should be washed before breaks and at the end of the shift.

## SECTION 9: Physical and chemical properties

|   |                |
|---|----------------|
| Appearance/form                         | Yellow/ powder |
| Odor                                    | None           |
| SPECIFIC GRAVITY                        | 5              |
| pH                                      | 6.8            |
| Melting point/freezing point            | >1000c         |
| Initial boiling point and boiling range | NA             |
| Flash point                             | NA             |
| Evaporation rate                        | NA             |
| Flammability (solid, gas)               | none           |
| Upper/lower flammability limits         | NA             |
| Upper/lower explosive limits            | NA             |
| Vapor pressure                          | NA             |
| Vapor density                           | NA             |
| Relative density                        | NA             |
| Solubility(ies)                         | insoluble      |
| Partition coefficient: n-octanol/water  | NA             |
| Auto-ignition temperature               | NA             |
| Decomposition temperature               | NA             |
| Viscosity                               | NA             |
| Explosive properties                    | none           |
| Oxidizing properties                    | none           |

## SECTION 10: Stability and reactivity

**Chemical stability** STABLE

**Possibility of hazardous reactions** WILL NOT OCCUR

**Incompatible materials** NONE

**Hazardous decomposition products** N/A

## SECTION 11: Toxicological information

**ORAL** LD50 (male and female rats) > 2000 mg/kg bw

**INHALATION** LC50 (rats; 4 hours) > 5.06 mg/L air

**SKIN** N/A

NON IRRITATING TO THE SKIN

NON IRRITATING TO THE EYES

## SECTION 12: Ecological information

**ECOTOXICITY** NO DATA

**DEGRADABILITY** NO DATA

**MOBILITY** NO DATA

**BIOACCUMULATIVE** NO DATA

## SECTION 13: Disposal considerations

**Disposal of the product** Contain spillage and scoop or vacuum. Avoid making dust put in appropriate container for disposal. Waste disposal method in accordance with Federal, State and Local Laws.

**Disposal of contaminated packaging** Dispose of as unused product.

**Waste treatment** MUST BE PROCESSED THROUGH IN-HOUSE TREATMENT

**Sewage disposal** AVOID CITY DRAINS

## SECTION 14: Transport information

14.1 UN Number None

14.2 UN Proper Shipping Name None

14.3 Transport hazard class(es) None

14.4 Packing group None

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 None

## SECTION 15: Regulatory information

Attention all Retailers of Mason Stains

*ALL retailers of this product are REQUIRED by law to supply their customers with a copy of material safety data sheet with initial purchase.*

### \*\*\*SARA 313

This product contains certain oxides and compounds which are subject to reporting requirements of Superfund Amendment and Reauthorization Act (**SARA**) of 1986, Section 313 of the Emergency Planning and Community Right to Know Act and of 40 CFR, Part 372.

**The information contained in this MSDS must be provided to every employee who is exposed to this product in any way. We recommend the user reads and understands the contents herein before using this material.**

**PLEASE KEEP ON FILE FOR FUTURE REFERENCE. DO NOT THROW AWAY! MSDS'S ARE REQUIRED FOR FIRST SHIPMENT, AND WILL BE SENT AGAIN WHEN REVISED UPON YOUR NEXT ORDER OF PRODUCT OR BY REQUEST.**

#### Disclaimer

## SECTION 16: REFERENCE INFORMATION

CPMA CLASSIFICATION AND CHEMICAL DESCRIPTIONS OF THE COMPLEX INORGANIC COLOR PIGMENTS  
Fourth Edition - January 2013 Update

<https://www.osha.gov/index.html>

<http://chem.sis.nlm.nih.gov/chemidplus>