



# GREAT PLAINS

## Dental Products Co. Inc.

115 West C  
Kingman, KS 67063  
Emergency Phone: 620.532.3888  
Fax Phone: 620.532.2911  
Date Prepared: April 2, 2007

## Material Safety Data Sheet

### SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: DR. THOMPSON SANITARY COLOR TRANSFER APPLICATORS

DESCRIPTION OF PRODUCT: A WOOD SHAFT, THE TIP END OF THE SHAFT BEING COATED WITH A THIN LAYER OF PARAFFIN WAX TO SEAL THE WOOD PORES, WITH THE TIP END OF THE WAX BEING COATED WITH A NON-TOXIC WATER SOLUBLE DYE, THE DYE BEING METHYL VIOLET.

PRODUCT USE: THE PRIMARY USE OF THE PRODUCT IS BY DENTAL PROFESSIONALS TO MARK A SPOT IN THE MOUTH OF A PERSON SUFFICIENTLY TO TRANSFER THE MARK SO MADE TO A DENTURE OR IMPRESSION UPON REPLACING THE SAME IN THE MOUTH OF THE SAID PERSON.

### SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

1. INGREDIENT: THE ORGANIC DYE USED IS CRYSTAL VIOLET, A/K/A GENTIAN VIOLET BASIC VIOLET 3, CAS # 548-62-9, FORMULA BEING C<sub>25</sub> H<sub>30</sub> N<sub>3</sub> Cl.
2. THE ORGANIC DYE APPEARS AS DARK GREEN IN COLOR ON THE END OF THE SHAFT.
3. THE FORMULA WEIGHT IS 408.00.

### SECTION 3: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: IMMEDIATE HEALTH, PHYSICAL AND ENVIRONMENTAL HAZARDS: This product, when used under reasonable conditions and in accordance with the manufacturers directions for use, should not present a health hazard. This product has been made and used since November 12, 1957, without any known claim for injury.

CAUSES EYE AND SKIN IRRITATION.

Routes of entry: SKIN (DERMAL)

POTENTIAL HEALTH EFFECTS:

EYES: IRRITANT/NON-CORROSIVE

SKIN: IRRITANT/ NON CORROSIVE.

WARNING: This product contains a chemical known to the State of California to cause cancer with continuous exposure.

INGESTION: N/A DO NOT INGEST.

### SECTION 4: FIRST AID MEASURES

EYES: FLUSH WITH WATER FOR 5 TO 15 MINUTES AND GET MEDICAL ATTENTION.

SKIN: In case of contact, WASH with soap and water. When used as a marking agent, after use flush the area with cold water.

### SECTION 5: FIRE FIGHTING MEASURES

Flammability of the Product:	Non-flammable	Products of Combustion	N/A
Auto-ignition Temperature	N/A	Explosion Hazards	N/A
Flash Points	N/A	Fire Fighting Media	Use water spray or foam to extinguish wood
Flammable Limits	N/A	Special remarks on fire	Not available

### SECTION 6: ACCIDENTAL RELEASE MEASURES

Small Spill of Sticks	Use appropriate tools to put the spilled sticks in a convenient waste container
Large Spill	No large spill is possible with package quantity
Spill Kit Information	No specific spill kit is required for this product

### SECTION 7: HANDLING AND STORAGE

HANDLING:	Keep container tightly closed. Wash and rinse thoroughly if contact is made with hands, or clothing.
STORAGE:	Keep container tightly closed..Keep in a dry cabinet, and out of sunlight or exposure to moisture to maintain shelf life.

### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls:	Stored in the bottle, tightly closed, product will not generate any dust, fumes, or mist, requiring any special ventilation.	Zinc:	SUVA (Switzerland, 1997), Skin Kurzezeitgrenz werte: 0.2 mg/m <sup>3</sup> 15 minutes MAK: 0.1 mg/m <sup>3</sup> 8 hours
-----------------------	--	-------	--

Personal Protection: Gloves, and glasses.  
Product Name: Exposure Limits

Basic Violet: Not available  
Michler's ketone: Not available

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Odor	Odorless	Molecular Formula	C25H30N3Cl
Color	Dark Green	pH	Not available
Physical State and	Solid	LogKow	Not available
Molecular Weight	Not applicable	Solubility	Soluble in water

## SECTION 10: STABILITY AND REACTIVITY

POSSIBLE HAZARDOUS REACTIONS/CONDITIONS: None Known  
CONDITIONS TO AVOID: Keep container closed as humidity will oxidize dye  
MATERIALS TO AVOID: None Known

HAZARDOUS DECOMPOSITION PRODUCTS: None Known  
OTHER RECOMMENDATIONS: None

## SECTION 11: TOXICOLOGICAL INFORMATION

RTECS Number

Zinc	ZG8600000
c.i. basic violet 1	BO9000000
Michler's Ketone	DJ0250000

Toxicity No known acute oral toxicity in diluted product used herein LD 50 (Mouse oral) 96 mg/kg (CI Basic Violet 1) in concentrated form

Chronic Effects on humans CARCINOGENIC EFFECTS: Classified 1 (Known to be Human Carcinogens) by NTP (Michlers Ketone)

Acute effects on humans Hazardous in case of eye contact (irritant) Inflammation of the eye is characterized by redness, watering and itching.  
Hazardous in case of continuous skin contact (Irritant) Skin inflammation is characterized by itching, scaling and reddening.  
Inhalation should not occur. Ingestion should not occur.

Synergetic Products	Not available	Teratogenic Effects	Not available
Irritancy	Not available	Mutagenic Effects	Not available
Toxicity to Reproductive System	Not available		

## SECTION 12: ECOLOGICAL INFORMATION

No concerns at relevant environmental concentrations Ecotoxicity: Not available BODS and COD: Not available

## SECTION 13: DISPOSAL

Consumer may discard used shaft in trash.

## SECTION 14: TRANSPORT INFORMATION

The finished product is non-hazardous under DOT.

## SECTION 15: ADDITIONAL REGULATORY INFORMATION

U.S. Federal Regulations  
TSCA 8 (b) inventory; Zinc; C.I Basic Violet 1; Michler's Ketone  
SARA 302/304/311/312 extremely hazardous substances; No products found.  
SARA 302/304 emergency planning and notification; No products were found.  
SARA 302/304/311/312 hazardous chemical; Zinc; C.I. Basic Violet 1, Michler's Ketone  
Clean Water Act 307; Zinc  
Clean Water Act 311; No products were found  
Clean air act 112; accidental release prevention; No products were found  
Clean air act 112: regulated flammable substances; no products were found  
Clean air act 112; regulated toxic substances; no products were found.

WHMIS (Canada)  
Class D-1A Material causing immediate and serious toxic effects.  
No products were found.  
Class D-1B; Material causing immediate and serious toxic effects  
CEPA DSL: Zinc, C.I. Basic Violet 1; Michlers Ketone all in diluted form  
This product has been classified in accordance with the hazard criteria of the Controlled Product Regulations and the MSDS CONTAINS ALL required information.

## SECTION 16: OTHER INFORMATION

Liability Disclaimer: MSDS information is provided based on OSHA'S Hazardous Communication Regulation and these persons required to receive this information under this regulation. The information is neither designed nor recommended for any other use, or for use by any other person including compliance with the other laws. GREAT PLAINS DENTAL PRODUCTS, INC. does not warrant the suitability for use of this MSDS for any other material not specifically identified herein. Great Plains Dental Products, Inc. does not warrant the accuracy or authenticity of this MSDS unless it has been obtained directly from Great Plains Dental Products, Inc. or posted or viewed on the Great Plains Dental Products, Inc. website. This MSDS has been based on information that is believed to be reliable, but may be subject to change as new information becomes available. Since the use of this material is not under Great Plains Dental Products, Inc. control, each user is responsible for making their own determination as to the safe and proper handling of this material in their own practical use of this material.