



GREAT PLAINS

Dental Products Co. Inc.

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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 C₂₅ H₃₀ N₃ 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 ³ 15 minutes MAK: 0.1 mg/m ³ 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

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