



Corporate Office
2165 Earlywood Dr.
Franklin, IN 46131
(317) 346-6655

California Office
1370 Decision St.
Vista, CA 92081
(760) 734-3995

www.ghortho.com

MATERIAL SAFETY DATA SHEET COLOR CODE PAINT FOR BRACKETS AND BUCCAL TUBES

Document Number: MSDS-048	Revision Date: June 02, 2014	Material Type: Dipropylene Glycol Methyl Ether
Revision: A	Number of Pages: 3	

1-PRODUCT IDENTIFICATION

Elmer's Painters-Water Based

Get immediate medical attention.

2- COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENT: DIPROPYLENE GLYCOL
METHYL ETHER
CAS NUMBER: 34590-94-8
PERCENTAGE: <=2.3
COMPONENT: WATER
CAS NUMBER: 7732-18-5
PERCENTAGE: >=97.7

SKIN CONTACT: Wash skin with soap and water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention, if needed. Thoroughly clean and dry contaminated clothing and shoes before reuse.

EYE CONTACT: Flush eyes with plenty of water for at least 15 minutes. Then get immediate medical attention.

3-HAZARDOUS IDENTIFICATION

NFPA RATINGS (SCALE 0-4):
HEALTH=2 FIRE=1 REACTIVITY=0

INGESTION: If a large amount is swallowed, get medical attention.

NOTE TO PHYSICIAN: For inhalation, consider oxygen.

EMERGENCY OVERVIEW:

PHYSICAL FORM: liquid
ODOR: aromatic odor
MAJOR HEALTH HAZARDS: respiratory tract irritation, central nervous system depression
POTENTIAL HEALTH EFFECTS:
INHALATION:
SHORT TERM EXPOSURE: irritation, headache, dizziness, drowsiness, loss of coordination
LONG TERM EXPOSURE: headache, dizziness, drowsiness, loss of coordination
SKIN CONTACT:
SHORT TERM EXPOSURE: absorption may occur, headache, dizziness, drowsiness, loss of coordination
LONG TERM EXPOSURE: irritation, kidney damage
EYE CONTACT:
SHORT TERM EXPOSURE: irritation
LONG TERM EXPOSURE: irritation
INGESTION:
SHORT TERM EXPOSURE: headache, drowsiness, dizziness, loss of coordination
LONG TERM EXPOSURE: no information on significant adverse effects

5-FIRE FIGHTING MEASURES

FIRE AND EXPLOSION HAZARDS: Slight fire hazard.

EXTINGUISHING MEDIA: carbon dioxide, regular dry chemical, regular foam, water

FIRE FIGHTING: Move container from fire area if it can be done without risk. Avoid inhalation of material or combustion by-products. Stay upwind and keep out of low areas.

FLASH POINT: Not applicable

HAZARDOUS COMBUSTION PRODUCTS:
Thermal decomposition products or combustion: oxides of carbon, oxides of nitrogen

4-FIRST AID MEASURES

INHALATION: If adverse effects occur, remove to uncontaminated area. Give artificial respiration if not breathing. If breathing is difficult, oxygen should be administered by qualified personnel.

6-ACCIDENTAL RELEASE MEASURES

OCCUPATIONAL RELEASE:
Stop leak if possible without personal risk. Small spills: Absorb with sand or other non-combustible material. Collect spilled material in appropriate container for disposal.

7-HANDLING AND STORAGE

STORAGE: Store and handle in accordance with all current regulations and standards. Protect from freezing. See original container for storage



Corporate Office
2165 Earlywood Dr.
Franklin, IN 46131
(317) 346-6655

California Office
1370 Decision St.
Vista, CA 92081
(760) 734-3995

www.ghortho.com

MATERIAL SAFETY DATA SHEET COLOR CODE PAINT FOR BRACKETS AND BUCCAL TUBES

Document Number: MSDS-048	Revision Date: June 02, 2014	Material Type: Dipropylene Glycol Methyl Ether
Revision: A	Number of Pages: 3	

recommendations. Keep separated from incompatible substances.

and an organic vapor canister.
For Unknown Concentrations or Immediately Dangerous to Life or Health - Any supplied-air respirator with full facepiece and operated in a pressure-demand or other positive-pressure mode in combination with a separate escape supply.
Any self-contained breathing apparatus with a full facepiece.

8-EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE LIMITS:
DIPROPYLENE GLYCOL METHYL ETHER:
100 ppm (600 mg/m³) OSHA TWA (skin)
150 ppm (900 mg/m³) OSHA STEL (vacated by 58 FR 35338, June 30, 1993)
100 ppm ACGIH TWA (skin)
150 ppm ACGIH STEL (skin)
100 ppm (600 mg/m³) NIOSH recommended TWA 10 hour(s) (skin)
150 ppm (900 mg/m³) NIOSH recommended STEL (skin)

VENTILATION: Provide local exhaust ventilation system. Ensure compliance with applicable exposure limits.

EYE PROTECTION: Wear splash resistant safety goggles. Provide an emergency eye wash fountain and quick drench shower in the immediate work area.

CLOTHING: Wear appropriate chemical resistant clothing.

GLOVES: Wear appropriate chemical resistant gloves.

PROTECTIVE MATERIAL TYPES: protective skin cream

RESPIRATOR: Under conditions of frequent use or heavy exposure, respiratory protection may be needed. Respiratory protection is ranked in order from minimum to maximum. Consider warning properties before use.

Any chemical cartridge respirator with organic vapor cartridge(s).
Any chemical cartridge respirator with a full facepiece and organic vapor cartridge(s).
Any air-purifying respirator with a full facepiece

9-PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: liquid
ODOR: aromatic odor
BOILING POINT: 212-473 F (100-245 C)
FREEZING POINT: <32 F (><0 C)>
DECOMPOSITION POINT: 351 F (177 C)
VAPOR PRESSURE: 17 mmHg
VAPOR DENSITY (air=1): <1
SPECIFIC GRAVITY (water=1): 1.06-1.38
WATER SOLUBILITY: dilutable
PH: Not available
VOLATILITY: Not available
ODOR THRESHOLD: Not available
EVAPORATION RATE: <1 (butyl acetate=1)>
COEFFICIENT OF WATER/OIL DISTRIBUTION: Not available

10-STABILITY AND REACTABILITY

REACTIVITY: Stable at normal temperatures and pressure.

CONDITIONS TO AVOID: Avoid heat, flames, sparks and other sources of ignition. Avoid contact with incompatible materials.

INCOMPATIBILITIES: oxidizing materials

HAZARDOUS DECOMPOSITION: Thermal decomposition products or combustion: oxides of carbon, oxides of nitrogen

POLYMERIZATION: Will not polymerize.

11-TOXICOLOGICAL INFORMATION

DIPROPYLENE GLYCOL METHYL ETHER:
IRRITATION DATA: 8 mg eyes-human mild; 500



Corporate Office
 2165 Earlywood Dr.
 Franklin, IN 46131
 (317) 346-6655

California Office
 1370 Decision St.
 Vista, CA 92081
 (760) 734-3995

www.ghortho.com

MATERIAL SAFETY DATA SHEET COLOR CODE PAINT FOR BRACKETS AND BUCCAL TUBES

Document Number: MSDS-048	Revision Date: June 02, 2014	Material Type: Dipropylene Glycol Methyl Ether
Revision: A	Number of Pages: 3	

mg open skin-rabbit mild; 500 mg/24 hour(s)
 eyes-rabbit mild
 TOXICITY DATA: 10 ml/kg skin-rabbit LD50; 5.5 ml/kg oral-rat LD50
 LOCAL EFFECTS:
 Irritant: inhalation
 ACUTE TOXICITY LEVEL:
 Slightly Toxic: dermal absorption, ingestion
 TARGET ORGANS: central nervous system
 MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: liver disorders, respiratory disorders

SARA TITLE III SECTION 313 (40 CFR 372.65):
 Not regulated.

OSHA PROCESS SAFETY (29CFR1910.119):
 Not regulated.

STATE REGULATIONS:
 California Proposition 65: Not regulated.

CANADIAN REGULATIONS:
 WHMIS CLASSIFICATION: Not determined.

NATIONAL INVENTORY STATUS:
 U.S. INVENTORY (TSCA): All the components of this substance are listed on or are exempt from the inventory.

12-ECOLOGICAL INFORMATION

Not available

13-DISPOSAL CONSIDERATIONS

Dispose in accordance with all applicable regulations.

TSCA 12(b) EXPORT NOTIFICATION:
 DIPROPYLENE GLYCOL METHYL ETHER
 CAS NUMBER: 34590-94-8
 SECTION 4

14-TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION:
 No classification assigned.

CANADA INVENTORY (DSL/NDSL): Not determined.

CANADIAN TRANSPORTATION OF DANGEROUS GOODS: No classification assigned.

15-REGULATORY INFORMATION

U.S. REGULATIONS:
 CERCLA SECTIONS 102a/103 HAZARDOUS SUBSTANCES (40 CFR 302.4): Not regulated.

16-NOTE
 Although the information and recommendations in this data sheet are to the best of our knowledge correct, it is recommended that you make your own determination of the material's suitability for your purpose before you use it. The information contained in this data sheet has been reproduced from the manufacturer's data; the accuracy of this information is the responsibility of the manufacturer. ODP accepts no responsibility for damage of any nature resulting from the use of, or the reliance upon, this data sheet.

SARA TITLE III SECTION 302 EXTREMELY HAZARDOUS SUBSTANCES (40 CFR 355.30):
 Not regulated.

SARA TITLE III SECTION 304 EXTREMELY HAZARDOUS SUBSTANCES (40 CFR 355.40):
 Not regulated.

SARA TITLE III SARA SECTIONS 311/312 HAZARDOUS CATEGORIES (40 CFR 370.21):
 ACUTE: Yes
 CHRONIC: No
 FIRE: No
 REACTIVE: No
 SUDDEN RELEASE: No