

Material Safety Data Sheet

**COMPOSITE, CLEARFIL PHOTO CORE : 1 of 2**

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200.  
Standard must be consulted for specific requirements.

Identity(As Used on Label and list) : COMPOSITE, CLEARFIL PHOTO CORE

Section I

|   |   |
|---|---|
| <u>Manufacturer &amp; Distributor Name and Address:</u><br>MFG.: KURARAY MEDICAL INC.<br>1621 SAKAZU, KURASHIKI, OKAYAMA 710-8622, JAPAN<br>Dist: KURARAY AMERICA, INC.,<br>101 EAST 52 <sup>ND</sup> STREET, 26 <sup>TH</sup> FLOOR, NEW YORK, NY<br>10022 USA | Emergency Telephone Number<br>(800) 879-1676<br><hr/> Date Prepared<br>April 25, 2006 |
|---|---|

Section II – Hazardous Ingredients/Identity Information

| Hazardous Components:              | C. A. S. NO. | OSHA PEL | ACGIH TLV |
|------------------------------------|--------------|----------|-----------|
| SILANATED SILICA                   | N/E          | N/E      | N/E       |
| SILANATED BARIUM GLASS             | N/E          | N/E      | N/E       |
| BISPHENOL A DIGLYCIDYLMETHACRYLATE | 30757-19-8   | N/E      | N/E       |
| TRIETHYLENEGLYCOL DIMETHACRYLATE   | 109-16-0     | N/E      | N/E       |
| DL-CAMPHORQUINONE                  | 10373-78-1   | N/E      | N/E       |

Section III – Physical/Chemical Characteristics

|  |   |
|--|---|
| Boiling Point : N/A<br>Vapor Pressure(mmHg) : N/A<br>Solubility in Water : INSOLUBLE<br>Appearance and Color : COLORED PASTE | Specific Gravity :2.22<br>Melting Point : N/A<br>Evaporation Rate : N/A |
|--|---|

Section IV – Fire and Explosion Hazard Data

|  |                 |          |          |
|--|-----------------|----------|----------|
| Flash Point : NONE   | Flammable Limit | LEL: N/E | UEL: N/E |
| Extinguishing Media : DRY CHEMICAL, FORM CARBON DIOXIDE<br>Special Fire Fighting : DURING EMERGENCY CONDITIONS, OVEREXPOSURE TO THERMAL<br>Procedure DECOMPOSITION PRODUCTS MAY CAUSE HEALTH HAZARD.<br>Unusual Fire and Explosion Hazards : N/E |                 |          |          |

Section V – Reactivity Data

|  |           |                |   |
|--|-----------|----------------|---|
| Stability  | Unstable  | Stable         | X |
| Incompatibility(Materials to Avoid):<br>ZINC OXIDE EUGENOL |           |                |   |
| Hazardous Decomposition or Byproducts:<br>N/E              |           |                |   |
| Hazardous Polymerization                                   | May Occur | Will Not Occur | X |

Abbreviations: N/E - Not Established. N/A - Not Applicable

**Section VI – Health Hazard Data**

|  |                   |                      |                      |
|--|-------------------|----------------------|----------------------|
| Route(s) of Entry  | Inhalation? : YES | Skin? : YES          | Ingestion? : YES     |
| Health Hazards (Acute and Chronic):<br>Eye : UNCURED PASTE MAY CAUSE EYE IRRITATION.<br>Skin : UNCURED PASTE MAY CAUSE SKIN IRRITATION.<br>Inhalation : NO ADVERSE HEALTH EFFECTS EXPECTED.<br>Ingestion : NO ADVERSE HEALTH EFFECTS EXPECTED.   |                   |                      |                      |
| Carcinogenicity  | NTP? : NO         | IARC Monograph? : NO | OSHA Regulated? : NO |
| Signs and Symptoms of Exposure :<br>EYE CONTACT : IRRITATION   |                   |                      |                      |
| Emergency and First Aid Procedure:<br>Eye Contact : FLUSH WITH WATER AND CONSULT A PHYSICIAN IMMEDIATELY IF UNCURED PASTE COMES IN CONTACT WITH EYES.<br>Skin Contact : WASH WITH SOAP AND WATER IMMEDIATELY .<br>Inhalation : N/E<br>Ingestion : CONSIDERED AS PRACTICALLY NON-TOXIC ORALLY.<br>Mucosal Contact : FLUSH WITH WATER. |                   |                      |                      |

**Section VII – Precautions for Safe Handling and Use**

|  |
|--|
| Steps to Be Taken in Case Material is Released or Spilled:<br>WIPE UP WITH PAPER TOWELS AND DISPOSE IN A SUITABLE CONTAINER. |
| Waste Disposal Method:<br>DISCHARGE IN ACCORDANCE WITH APPLICABLE REGULATIONS.   |
| Precautions to be taken in Handling and Storing: STORE AT NORMAL ROOM TEMPERATURE OR REFRIGERATED.                           |
| Other Precautions:<br>USE ACCORDING TO DIRECTIONS.<br>CONTACT WITH SKIN, SOFT TISSUE, EYE OR CLOTHING SHOULD BE AVOIDED.     |

**Section VIII – Control Measures**

|   |                                 |                      |
|---|---------------------------------|----------------------|
| Respiratory Protection (Specific Type):<br>N/A                        |                                 |                      |
| Ventilation<br>N/A  | Local Exhaust Mechanical<br>N/A | Special Other<br>N/A |
| Protective Gloves:<br>WEAR IMPERVIOUS GLOVES TO PREVENT SKIN CONTACT. |                                 |                      |
| Eye Protection:<br>SAFETY GLASSES OR GOGGLES FOR EYE PROTECTION.      |                                 |                      |
| Other Protective Clothing or Equipment:<br>N/E                        |                                 |                      |
| Work/Hygienic Practices:<br>USE GOOD PERSONAL HYGENE.                 |                                 |                      |

Abbreviations: N/E - Not Established. N/A - Not Applicable

The information on this Data Sheet represents our current data and best opinion as to the proper use in handling of this product under normal conditions. Any use of the product which is not in conformance with this Data Sheet or which involves using the product in combination with any other product or any other process is the responsibility of the user.