



PRODUCT # 7780, CR

ISSUE DATE: FEB., 18<sup>TH</sup> 2016

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**SECTION 1: IDENTIFICATION**

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PRODUCT NAME: ZINC OXIDE/DENTAL TEMPORARY CEMENT ZnO / aliphatic acid type

COMMON/CHEMICAL NAME: DENTAL CEMENT ZnO/ALIPHATIC ACID BASED

RECOMMENDED USE: DENTAL MATERIAL

MANUFACTURED BY: TEMREX CORPORATION, 300 BUFFALO AVE., FREEPORT, NY 11520

EMERGENCY TELEPHONE: 800-645-1226

GENERAL INFORMATION: +1 516 868 6221

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**SECTION 2: HAZARDS IDENTIFICATION**

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HAZARD CLASSIFICATION: FOR POTENTIAL HEALTH HAZARDS, SEE SECTION 11 BELOW

No other significant critical hazards to man or the environment are reasonably foreseen

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**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

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CHEMICAL NAME/Common Name: DENTAL CEMENT ZnO/ ALIPHATIC ACID BASED

PRODUCT CONTENTS: VEGETABLE OIL, ZINC OXIDE, ALIPHATIC ACID, MODIFIED ROSIN, CASTOR OIL

HAZARDOUS INGREDIENTS: NONE LISTED

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**SECTION 4: FIRST AID MEASURES**

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INHALATION: NO PERCEIVABLE HAZARDS

SKIN: WASH WITH SOAP AND WATER

EYES: IMMEDIATELY RINSE WITH COPIOUS AMOUNTS OF WATER. SEEK MEDICAL ATTENTION IF IRRITATION PERSISTS.

INGESTION: SMALL AMOUNTS – NO PERCEIVABLE HAZARD. SEEK MEDICAL ATTENTION IF A LARGE AMOUNT OF MATERIAL IS SWALLOWED

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**SECTION 5: FIRE-FIGHTING MEASURES**

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SUITABLE EXTINGUISHING MEDIA: WATER CONTACT ACCEPTABLE, USE STANDARD FIREFIGHTING MEDIA.

EXTINGUISHING MEDIA WHICH SHOULD NOT BE USED: NONE

SPECIAL EXPOSURE HAZARDS FROM COMBUSTION PRODUCTS: NONE IN QUANTITIES AS PACKAGED

SPECIAL PROTECTIVE EQUIPMENT FOR FIRE FIGHTERS: NONE



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**SECTION 6: ACCIDENTAL RELEASE MEASURES**

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PERSONAL PRECAUTIONS AND EMERGENCY PROCEDURES: NONE SPECIFIC

ENVIRONMENTAL PRECAUTIONS AND METHODS FOR CONTAINMENT: NONE SPECIFIC

METHODS FOR CLEANING UP: COLLECT SPILL AND WASH AFFECTED AREAS.

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**SECTION 7: HANDLING AND STORAGE**

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HANDLING PRECAUTIONS: NOT APPLICABLE

SAFE STORAGE CONDITIONS: STORE AT AMBIENT TEMPERATURES

OTHER RESTRICTIONS OR RECOMMENDATIONS: NONE

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**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

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OSHA PERMISSIBLE EXPOSURE LIMITS: NOT ESTABLISHED

RESPIRATORY PROTECTION AND VENTILATION: NOT REQUIRED UNDER NORMAL HANDLING

PROTECTIVE CLOTHING OR EQUIPMENT: NOT REQUIRED

UNUSUAL WORK/HYGIENIC PRACTICES: AVOID PROLONGED SKIN CONTACT

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**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

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APPEARANCE: WHITE PASTE

ODOR: SLIGHT ODOR

ODOR THRESHOLD: NOT ESTABLISHED

pH: NOT APPLICABLE

MELTING POINT/FREEZING POINT: NOT APPLICABLE

INITIAL BOILING POINT AND BOILING RANGE: NOT APPLICABLE

FLASH POINT: > 100 DEGREES CELSIUS

EVAPORATING RATE: NOT ESTABLISHED

FLAMMABILITY (SOLID,GAS): UNDER EXTREME CONDITION

UPPER/LOWER FLAMMABILITY OR EXPLOSIVE LIMITS: NOT APPLICABLE

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**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (con't)**

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VAPOR PRESSURE: NEGLIGIBLE

VAPOR DENSITY: NOT APPLICABLE

RELATIVE DENSITY: ~1.5

SOLUBILITY: VIRTUALLY INSOLUBLE IN WATER

PARTITION CO-EFFICIENT: NOT ESTABLISHED

AUTO-IGNITION TEMPERATURE: 7400 DEGREES CELSIUS



DECOMPOSITION TEMPERATURE: NOT ESTABLISHED

VISCOSITY: NOT ESTABLISHED

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**SECTION 10: STABILITY AND REACTIVITY**

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STABILITY: GENERALLY STABLE

CONDITIONS TO AVOID (STABILITY): AVOID ELEVATED TEMPERATURES

INCOMPATIBILITY (MATERIAL TO AVOID): NONE KNOWN

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: NOT NONE

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

CONDITIONS TO AVOID (POLYMERIZATION): AVOID EXPOSURE TO ELEVATED TEMPERATURES

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**SECTION 11: TOXICOLOGICAL INFORMATION**

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POTENTIAL ACUTE HEALTH EFFECTS: MAY CAUSE BURNS TO SKIN UPON PROLONGED CONTACT

POTENTIAL CHRONIC HEALTH EFFECTS: SKIN IRRITATION

SIGNS AND SYMPTOMS OF EXPOSURE: SKIN/EYE IRRITATION

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: DERMATITIS

CARCINOGENIC OR POTENTIAL CARCINOGENIC EFFECTS: NO INGREDIENT LISTED AS CARCINOGEN

OTHER POTENTIAL HEALTH EFFECTS: NONE KNOWN

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**SECTION 12: ECOLOGICAL INFORMATION**

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ECOLOGICAL INFORMATION: NO ECOLOGICAL DAMAGE OR IMPACT ANTICIPATED UPON EXPOSURE TO ENVIRONMENT, IN QUANTITIES AS PACKAGED.

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**SECTION 13: DISPOSAL CONSIDERATIONS**

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WASTE DISPOSAL METHOD: DO NOT DISPOSE IN SINK. DISPOSE IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS. SMALL AMOUNTS MAY BE DISPOSED INTO A LANDFILL.

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**SECTION 14: TRANSPORT INFORMATION**

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UN CLASSIFICATION: NOT APPLICABLE

IDENTIFICATION: NOT APPLICABLE

SPECIAL PROVISIONS FOR TRANSPORT: NONE SPECIFIC

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**SECTION 15: REGULATORY INFORMATION**

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US FDA DENTAL DEVICE: CLASS II PRODUCT

EC MEDICAL DEVICE DIRECTIVE: CLASS IIA PRODUCT



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**SECTION 16: OTHER INFORMATION**

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SOME OF THE INFORMATION PRESENTED AND CONCLUSIONS DRAWN HEREIN ARE FROM SOURCES OTHER THAN DIRECT TEST DATA ON THE PRODUCT ITSELF. THE INFORMATION FROM THIS SDS WAS OBTAINED FROM SOURCES OTHER THAN DIRECT TEST DATA ON THE PRODUCT ITSELF. THE INFORMATION IN THIS SDS WAS OBTAINED FROM SOURCES THAT WE BELIEVE ARE RELIABLE. HOWEVER, THE INFORMATION IS PROVIDED WITHOUT ANY WARRANTY, EXPRESS OR IMPLIED, REGARDING ITS CORRECTNESS. THE CONDITIONS OR METHOD OF HANDLING, STORAGE, USE AND DISPOSAL OF THE PRODUCT ARE BEYOND OUR CONTROL AND MAYBE BEYOND OUR KNOWLEDGE. FOR THIS AND OTHER REASONS, WE DO NOT ASSUME RESPONSIBILITY AND EXPRESSLY DISCLAIM LIABILITY FOR LOSS, DAMAGE OR EXPENSE ARISING OUT OF, OR IN ANY WAY CONNECTED WITH THE HANDLING, STORAGE, USE OR DISPOSAL OF THE PRODUCT. IF THE PRODCUT IS USED AS A COMPONENT IN ANOTHER PRODUCT OR USED IN A WAY OTHER THAN RECOMMENDED BY THE COMPANY, THIS SDS INFORMATION MAY NOT BE APPLICABLE.

SDS APPROVED BY: HABIB LAFIR, REGULATORY AFFAIRS SPECIALIST