SAFETY DATA SHEETS

This SDS packet was issued with item:

075008537

The safety data sheets (SDS) in this packet apply to the individual products listed below. Please refer to invoice for specific item number(s).

075008214 075008248 075008255 075008263 075008271 075008289 075008297 075008305 075008313 075008321
075008339 075008347 075008354 075008362 075008370 075008388 075008396 075008404 075008412 075008420
075008438 075008446 075008453 075008461 075008479 075008487 075008495 075008503 075008511 075008529
075008545 075008552 075008560 075008578 075008586 075008594 075008602 075008610 075008628 075008636
075008644 075008651 075008669 075008677 075008685 075008693 075008701 075008719 075008727 075008735
075008743 075008750 075008768 075008776 075008784 075008792 075008800 075008818 075008826 075008834
075008842 075008859 075008867 075008875 075008883 075008891 075008909 075008917 075008925 075008933
075008941 075008958 075008966 075008974 075008982 075008990 075009006 075009014 075009022 075009030
075009048 075009055 075033758 075033766 075033774 273009769 273011341

3M

Material Safety Data Sheet

This material safety data sheet (MSDS) is provided as a courtesy in response to a customer request. This product is not regulated under, and a MSDS is not required for this product by the OSHA Hazard Communication Standard (29 CFR 1910.1200) because, when used as recommended or under ordinary conditions, it should not present a health and safety hazard. However, use or processing of the product not in accordance with the product's recommendations or not under ordinary conditions may affect the performance of the product and may present potential health and safety hazards.

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME:	3M(TM) ESPE(TM) ISO-FORM CROWNS
MANUFACTURER:	3M
DIVISION:	3M ESPE Dental Products
ADDRESS:	3M Center
	St. Paul, MN 55144-1000

EMERGENCY PHONE: 1-800-364-3577 or (651) 737-6501 (24 hours)

Issue Date:	10/08/2008
Supercedes Date:	10/21/2003
Document Group:	06-2094-8

Product Use:

Intended Use:	Dental Product
Limitations on Use:	For use only by dental professionals
Specific Use:	Temporary dental crown

SECTION 2: INGREDIENTS

Ingredient	C.A.S. No.	% by Wt
TIN-SILVER ALLOY	Mixture	100

SECTION 3: HAZARDS IDENTIFICATION

3.1 EMERGENCY OVERVIEW

Odor, Color, Grade: Odorless, metal crown
General Physical Form: Solid
Immediate health, physical, and environmental hazards: No immediate health, physical, or environmental hazards are anticipated.

3.2 POTENTIAL HEALTH EFFECTS

Eye Contact:
No health effects are expected.

Skin Contact:
No health effects are expected.

Inhalation:
No health effects are expected.

Ingestion:
No health effects are expected.

SECTION 4: FIRST AID MEASURES

4.1 FIRST AID PROCEDURES

The following first aid recommendations are based on an assumption that appropriate personal and industrial hygiene practices are followed.

Eye Contact: No need for first aid is anticipated.

Skin Contact: No need for first aid is anticipated.

Inhalation: No need for first aid is anticipated.

If Swallowed: No need for first aid is anticipated.

SECTION 5: FIRE FIGHTING MEASURES

5.1 FLAMMABLE PROPERTIES

Autoignition temperature	*Not Applicable*
Flash Point	*Not Applicable*
Flammable Limits - LEL	*Not Applicable*
Flammable Limits - UEL	*Not Applicable*

5.2 EXTINGUISHING MEDIA
Non-combustible. Choose material suitable for surrounding fire.

5.3 PROTECTION OF FIRE FIGHTERS

Special Fire Fighting Procedures: Wear full protective equipment (Bunker Gear) and a self-contained breathing apparatus (SCBA).

Unusual Fire and Explosion Hazards: Not applicable.

Note: See STABILITY AND REACTIVITY (SECTION 10) for hazardous combustion and thermal decomposition information.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Accidental Release Measures: Reclaim undamaged product. Collect as much of the spilled material as possible.

SECTION 7: HANDLING AND STORAGE

7.1 HANDLING
This product is considered to be an article which does not release or otherwise result in exposure to a hazardous chemical under normal use conditions.

7.2 STORAGE
Not applicable.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 ENGINEERING CONTROLS
Not applicable.

8.2 PERSONAL PROTECTIVE EQUIPMENT (PPE)

8.2.1 Eye/Face Protection
Not applicable.

8.2.2 Skin Protection
Not applicable.

8.2.3 Respiratory Protection
Not applicable.

8.2.4 Prevention of Swallowing
Not applicable.

8.3 EXPOSURE GUIDELINES

None Established

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Odor, Color, Grade:	Odorless, metal crown
General Physical Form:	Solid
Autoignition temperature	*Not Applicable*

Flash Point	*Not Applicable*
Flammable Limits - LEL	*Not Applicable*
Flammable Limits - UEL	*Not Applicable*
Boiling point	*Not Applicable*
Density	*Not Applicable*
Vapor Density	*Not Applicable*
Vapor Pressure	*Not Applicable*
Specific Gravity	*Not Applicable*
pH	*Not Applicable*
Melting point	*No Data Available*
Solubility in Water	Nil
Evaporation rate	*Not Applicable*
Volatile Organic Compounds	*Not Applicable*
Percent volatile	*Not Applicable*
VOC Less H2O & Exempt Solvents	*Not Applicable*
Viscosity	*Not Applicable*

SECTION 10: STABILITY AND REACTIVITY

Stability: Stable.

Materials and Conditions to Avoid: None known

Hazardous Polymerization: Hazardous polymerization will not occur.

Hazardous Decomposition or By-Products

Substance	Condition
None known.	During Combustion

SECTION 11: TOXICOLOGICAL INFORMATION

Please contact the address listed on the first page of the MSDS for Toxicological Information on this material and/or its components.

SECTION 12: ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION

Not determined.

CHEMICAL FATE INFORMATION

Not determined.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal Method: Dispose of waste product in a sanitary landfill.

EPA Hazardous Waste Number (RCRA): Not regulated

Since regulations vary, consult applicable regulations or authorities before disposal.

SECTION 14:TRANSPORT INFORMATION

ID Number(s):
70-2004-5873-8, 70-2004-5874-6, 70-2004-5875-3, 70-2004-5876-1, 70-2004-5877-9, 70-2004-5878-7, 70-2004-5879-5, 70-2004-5880-3, 70-2004-5881-1, 70-2004-5882-9, 70-2004-5883-7, 70-2004-5884-5, 70-2004-5885-2, 70-2004-5886-0, 70-2004-5887-8, 70-2004-5888-6, 70-2004-5889-4, 70-2004-5890-2, 70-2004-5891-0, 70-2004-5892-8, 70-2004-5893-6, 70-2004-5894-4, 70-2004-5895-1, 70-2004-5896-9, 70-2004-5897-7, 70-2004-5898-5, 70-2004-5899-3, 70-2004-5900-9, 70-2004-5901-7, 70-2004-5902-5, 70-2004-5903-3, 70-2004-5904-1, 70-2004-5905-8, 70-2004-5906-6, 70-2004-5907-4, 70-2004-5908-2, 70-2004-5909-0, 70-2004-5910-8, 70-2004-5911-6, 70-2004-5912-4, 70-2004-5938-9, 70-2004-5939-7, 70-2004-5940-5, 70-2004-5941-3, 70-2004-5942-1, 70-2004-5943-9, 70-2004-5944-7, 70-2004-5945-4, 70-2004-5946-2, 70-2004-5947-0, 70-2004-5948-8, 70-2004-5949-6, 70-2004-5950-4, 70-2004-5951-2, 70-2004-5952-0, 70-2004-5953-8, 70-2004-5954-6, 70-2004-5955-3, 70-2004-5956-1, 70-2004-5957-9, 70-2004-5958-7, 70-2004-5959-5, 70-2004-5960-3, 70-2004-5961-1, 70-2004-5962-9, 70-2004-5963-7, 70-2004-5964-5, 70-2004-5965-2, 70-2004-5966-0, 70-2004-5967-8, 70-2004-5968-6, 70-2004-5969-4, 70-2004-5970-2, 70-2004-5971-0, 70-2004-5972-8, 70-2004-5973-6, 70-2004-5974-4, 70-2004-5975-1, 70-2004-5976-9, 70-2004-5977-7, 70-2004-6983-4, 70-2004-6985-9, 70-2004-6988-3, 70-2005-4755-5, 70-2005-4756-3, 70-2005-4757-1, 70-2005-4758-9, 70-2005-4759-7, 70-2005-4760-5, 70-2005-4761-3, 70-2005-4762-1, 70-2005-4763-9, 70-2005-4764-7, 70-2005-4765-4, 70-2005-4766-2, 70-2005-4767-0, 70-2005-4768-8, 70-2005-4769-6, 70-2005-4770-4, 70-2005-4771-2, 70-2005-4772-0, 70-2005-4773-8, 70-2005-4774-6, 70-2010-0838-3, 70-2010-0981-1, 70-2010-0982-9, 70-2010-0983-7, 70-2010-0984-5, 70-2010-0985-2, 70-2010-0986-0, 70-2010-0987-8, 70-2010-0988-6, 70-2010-0989-4, 70-2010-0990-2, 70-2010-0991-0, 70-2010-0992-8, 70-2010-0993-6, 70-2010-0994-4, 70-2010-0995-1, 70-2010-0996-9, 70-2010-0997-7, 70-2010-0998-5, 70-2010-0999-3, 70-2010-1000-9, 70-2010-1001-7, 70-2010-1002-5, 70-2010-1003-3, 70-2010-1004-1, 70-2010-1005-8, 70-2010-1006-6, 70-2010-1007-4, 70-2010-1008-2, 70-2010-1009-0, 70-2010-1010-8, 70-2010-1011-6, 70-2010-1012-4, 70-2010-1013-2, 70-2010-1014-0, 70-2010-1015-7, 70-2010-1016-5, 70-2010-1017-3, 70-2010-1018-1, 70-2010-1019-9, 70-2010-1020-7, 70-2010-1021-5, 70-2010-1022-3, 70-2010-1023-1, 70-2010-1024-9, 70-2010-1025-6, 70-2010-1026-4, 70-2010-1027-2, 70-2010-1028-0, 70-2010-1029-8, 70-2010-1030-6, 70-2010-1031-4, 70-2010-1032-2, 70-2010-1033-0, 70-2010-1034-8, 70-2010-1035-5, 70-2010-1036-3, 70-2010-1037-1, 70-2010-1038-9, 70-2010-1039-7, 70-2010-1040-5, 70-2010-1041-3, 70-2010-1042-1, 70-2010-1043-9, 70-2010-1044-7, 70-2010-1045-4, 70-2010-1046-2, 70-2010-1047-0, 70-2010-1048-8, 70-2010-1049-6, 70-2010-1050-4, 70-2010-1051-2, 70-2010-1052-0, 70-2010-1053-8, 70-2010-1054-6, 70-2010-1055-3, 70-2010-1056-1, 70-2010-1057-9, 70-2010-1058-7, 70-2010-1059-5, 70-2010-1060-3, 70-2010-1061-1, 70-2010-1062-9, 70-2010-1063-7, 70-2010-1064-5, 70-2010-1065-2, 70-2010-1066-0, 70-2010-1067-8, 70-2010-1068-6, 70-2010-1069-4, 70-2010-1070-2, 70-2010-1071-0, 70-2010-1072-8, 70-2010-1073-6, 70-2010-1074-4, 70-2010-1075-1, 70-2010-1076-9, 70-2010-1077-7, 70-2010-1078-5, 70-2010-1079-3, 70-2010-1080-1, 70-2010-1909-1, 70-2010-1910-9, 70-2010-1911-7, 70-2010-1912-5, 70-2010-1913-3, 70-2010-1914-1, 70-2010-1915-8, 70-2010-1916-6, 70-2010-1917-4, 70-2010-1918-2, 70-2010-1939-8, 70-2010-1940-6, 70-2010-1941-4, 70-2010-1942-2, 70-2010-1943-0, 70-2010-1944-8, 70-2010-1945-5, 70-2010-1946-3, 70-2010-1947-1, 70-2010-1948-9, 70-2010-1949-7

Please contact the emergency numbers listed on the first page of the MSDS for Transportation Information for this material.

SECTION 15: REGULATORY INFORMATION

US FEDERAL REGULATIONS
Contact 3M for more information.

311/312 Hazard Categories:
Fire Hazard - No   Pressure Hazard - No   Reactivity Hazard - No   Immediate Hazard - Yes   Delayed Hazard - No

STATE REGULATIONS
Contact 3M for more information.

CHEMICAL INVENTORIES
This material contains one or more substances not listed on the TSCA Inventory. Commercial use of this material is regulated by the FDA.

Contact 3M for more information.

INTERNATIONAL REGULATIONS
Contact 3M for more information.

This MSDS has been prepared to meet the U.S. OSHA Hazard Communication Standard, 29 CFR 1910.1200.

SECTION 16: OTHER INFORMATION

NFPA Hazard Classification
Health: 0   Flammability: 0   Reactivity: 0   Special Hazards: None

National Fire Protection Association (NFPA) hazard ratings are designed for use by emergency response personnel to address the hazards that are presented by short-term, acute exposure to a material under conditions of fire, spill, or similar emergencies. Hazard ratings are primarily based on the inherent physical and toxic properties of the material but also include the toxic properties of combustion or decomposition products that are known to be generated in significant quantities.

Reason for Reissue: The MSDS has been revised because 3M has adopted the 16-section ANSI/ISO format. The potential hazards of the product have not changed. We encourage you to reread the MSDS and review the information.

Revision Changes:
Section 1: Product use information was modified.
Section 16: NFPA hazard classification heading was modified.
Copyright was modified.
Section 5: Fire fighting procedures information was modified.
Section 15: 311/312 hazard categories heading was modified.
Section 15: International regulations information was modified.
Section 15: State regulations information was modified.
Section 15: US federal regulations information was modified.

Section 10: Hazardous polymerization heading was modified.
Section 16: NFPA explanation was modified.
Section 15: Inventories information was modified.
Article disclaimer text (following the copyright) was modified.
Section 12: Ecotoxicological information heading was modified.
Section 12: Chemical fate information heading was modified.
Section 16: NFPA hazard classification for special hazards was modified.
Section 16: Reason for reissue heading was modified.
Section 12: Ecotoxicological phrase was modified.
Section 12: Chemical Fate phrase was modified.
Section 2: Ingredient phrase was added.
Section 14: ID Number Heading Template 1 was added.
Section 14: ID Number(s) Template 1 was added.
Section 2: Ingredient table was added.
Section 8: Exposure guidelines information - none - was added.

DISCLAIMER: The information in this Material Safety Data Sheet (MSDS) is believed to be correct as of the date issued. 3M MAKES NO WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR COURSE OF PERFORMANCE OR USAGE OF TRADE. User is responsible for determining whether the 3M product is fit for a particular purpose and suitable for user's method of use or application. Given the variety of factors that can affect the use and application of a 3M product, some of which are uniquely within the user's knowledge and control, it is essential that the user evaluate the 3M product to determine whether it is fit for a particular purpose and suitable for user's method of use or application.

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3M MSDSs are available at www.3M.com

Regulatory Data Sheet

This Regulatory Data Sheet is provided as a courtesy in response to a customer request.

Document Group:	06-2094-8	**Version Number:**	1.00
Issue Date:	05/22/16	**Supercedes Date:**	Initial Issue

3M™ ESPE™ ISO-FORM CROWNS

3M
Oral Care Solutions Division
3M Center, St. Paul, MN 55144-1000, USA
1-888-3M HELPS (1-888-364-3577)

3M RDSs are available at www.3M.com

Regulations and Industry Standards

SDS (US OSHA)
This product is an article and therefore is not subject to the requirements of the US Occupational Safety and Health Administration's (OSHA) Hazardous Communications Standard 29 CFR 1910.1200(b)(6)(v) to provide a Safety Data Sheet (SDS).

US FALCPA
This product complies with the United States Food Allergy Labeling and Consumer Protection Act of 2004, as there is no intentionally added milk, egg, fish, crustacean shellfish, tree nuts, wheat, peanuts, soybeans, and/or proteins thereof.

EU CMR Directive
This product does not contain an ingredient at >= 0.1% that is classified as a Category 1 or 2 carcinogen, mutagen, or reproductive toxicant according to Annex VI (Table 3.2) of European Regulation 1272/2008 on Classification, Labelling, and Packaging of Dangerous Substances and Mixtures or that is classified by 3M or its vendors as an EU Category 1 or 2 carcinogen, mutagen, or reproductive toxicant according to the criteria of European Council Directive 67/548/EEC (the Dangerous Substances Directive).

EU Food Allergens
This product complies with EU Directive 2000/13/EC as amended by 2003/89/EC and 2007/68/EC on Labeling, Presentation and Advertising of Foodstuffs, as there is no intentionally added component identified in Annex IIIa of these directives. Specifically, cereals containing gluten, crustaceans, eggs, fish, peanuts, soybeans, milk, nuts, celery, mustard, sesame seeds, sulphur dioxide and sulphites at concentrations of more than 10 mg/kg or 10 mg/L expressed as sulfur dioxide, lupin, mollusks, and/or derivatives thereof, are not intentionally added.

Halal
This product has not been certified Halal.

Kosher
This product has not been certified Kosher.

California Proposition 65

To the best of 3M's knowledge, this product is in compliance with Proposition 65, and reasonably anticipated use of this product will not result in exposure to any Proposition 65 chemicals that would require a Proposition 65 warning.

Chemicals and/or Compounds of Interest

Beryllium and (Be) Compounds : This chemical or chemical compound is not intentionally added.
Bismuth and (Bi) Compounds : This chemical or chemical compound is not intentionally added.
Bisphenol A (BPA) : This chemical or chemical compound is not intentionally added.
Butyl Benzyl Phthalate (BBP) : This chemical or chemical compound is not intentionally added.
Chromium and (Cr) Compounds : This chemical or chemical compound is not intentionally added.
Colophony (Rosin) : This chemical or chemical compound is not intentionally added.
Dibutyl Phthalate (DBP) : This chemical or chemical compound is not intentionally added.
Dibutyl Tin Compounds : This chemical or chemical compound is not intentionally added.
Di(2-Ethylhexyl) Phthalate (DEHP) : This chemical or chemical compound is not intentionally added.
Diisodecyl Phthalate (DIDP) : This chemical or chemical compound is not intentionally added.
Diisononyl Phthalate (DINP) : This chemical or chemical compound is not intentionally added.
Di-n-Octyl Phthalate (DNOP) : This chemical or chemical compound is not intentionally added.
Dyes : This chemical or chemical compound is not intentionally added.
Flavorings : This chemical or chemical compound is not intentionally added.
Formaldehyde : This chemical or chemical compound is not intentionally added.
Hexavalent Chromium and (Cr+6) Compounds : This chemical or chemical compound is not intentionally added.
Melamine : This chemical or chemical compound is not intentionally added.
Mercury and (Hg) Compounds : This chemical or chemical compound is not intentionally added.
Natural Rubber Latex : This product is not made with natural rubber latex
Organotin Compounds : This chemical or chemical compound is not intentionally added.
Phthalates : This chemical or chemical compound is not intentionally added.
Selenium and (Se) Compounds : This chemical or chemical compound is not intentionally added.
Tributyl Tin Compounds : This chemical or chemical compound is not intentionally added.
Triphenyl Tin Compounds : This chemical or chemical compound is not intentionally added.