

## **SAFETY DATA SHEETS**

**This SDS packet was issued with item:**

071096486

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

071096437 071096452 071096494 071096502 071096569 071096601 071098870 071098888 071098896 071099100  
071099118 071099126 071099134 071099142 071099159 071099167 071099209 071099217 071099225 071099233  
071099241 071099258 071100114 071100122 071100130 071100148 071100155 071100163 071100171

**SECTION 1: IDENTIFICATION OF PRODUCT**

FORMULA: MIXTURE OF MODIFIED EPOXY RESINS (BISPHENOL-A ETHER TYPE), INORGANIC FILLERS AND PIGMENTS.

SYNONYM OR CROSS REFERENCE: **DIE EPOXY TYPE 9000 & TYPE 8000 RESIN****AMERICAN DENTAL SUPPLY, INC.**  
1075 N. Gilmore Street  
Allentown, PA 18109-3210  
www.americandentalsupply.net  
(800) 558-5925**MATERIAL  
SAFETY  
DATA****NFPA RATINGS**HEALTH HAZARD: 1  
FIRE & EXPLOSION: 0  
REACTIVITY: 0  
PROTECTION: B**SECTION 2: HAZARDOUS INGREDIENTS**

MATERIAL: NOT LISTED AS A HAZARD AS FORMULATED. FILLERS NOT LISTED AS HAZARDS BY OSHA OR ACGIH.

NATURE OF HAZARD: POSSIBLE IRRITANT AND SKIN SENSITIZER.

**SECTION 3: PHYSICAL DATA**MELTING POINT: °F: N/A  
BOILING POINT: °F: N/A  
VAPOR PRESSURE: (MM HG): N/A  
SPECIFIC GRAVITY: (H<sub>2</sub>O=1): APPROX. 1.9 (TYPE 9000), APPROX. 1.6 (TYPE 8000)  
VAPOR DENSITY: (AIR =1): GREATER THAN 1  
WATER SOLUBILITY: NEGLIGIBLE  
PH OF SOLUTION: N/A  
PERCENT VOLATILE: NIL  
EVAPORATION RATE: (BUAC =1): LESS THAN 1  
APPEARANCE: OPAQUE, HEAVY, VISCOUS LIQUID. CHARACTERISTIC MILD ODOR. MAY BE WHITE, GRAY, BLUE, GREEN, YELLOW, PINK OR OTHER COLORS.**SECTION 4: FIRE AND EXPLOSION HAZARD DATA**FLASH POINT (method used): 480°F, TCC  
FLAMMABLE LIMITS: NOT DETERMINED. MAJOR INGREDIENTS CLASSIFIED AS COMBUSTIBLE.

FIRE EXTINGUISHING MEDIA: DRY CHEMICAL, CARBON DIOXIDE.

SPECIAL FIRE FIGHTING PROCEDURES: NONE FOR LAB QUANTITIES.

UNUSUAL FIRE AND EXPLOSION HAZARD: NONE.

**SECTION 5: HEALTH HAZARD**

THRESHOLD LIMIT VALUE: NOT ESTABLISHED BY OSHA OR ACGIH FOR THIS MIXTURE.

HEALTH HAZARDS: Effects of overexposure to product.

Skin: PROLONGED AND REPEATED CONTACT CAN CAUSE SENSITIZING AND IRRITATION. (ALLERGIC REACTION).

Eyes: DIRECT CONTACT CAN CAUSE SEVERE IRRITATION.

Inhalation: EXCESSIVE INHALATION OF VAPOR WITH POOR VENTILATION CAN CAUSE RESPIRATORY IRRITATION.

Ingestion: POSSIBLY HARMFUL IF SWALLOWED.

FIRST AID PROCEDURES:

Skin: WIPE OFF EXCESS WITH TOWELING WET WITH EPOXY CLEAN-UP OR ALCOHOL. WASH WELL WITH SOAP AND WATER.

Eyes: FLUSH WITH LARGE AMOUNTS OF WATER, LIFTING UPPER AND LOWER LIDS, FOR 15 MINUTES. GET MEDICAL ATTENTION.

Inhalation: IF AFFECTED, REMOVE TO FRESH AIR.

Ingestion: DO NOT INDUCE VOMITING. GIVE LARGE AMOUNTS OF WATER AND GET MEDICAL ATTENTION.

CARCINOGENICITY: NO INGREDIENTS IDENTIFIED AS CARCINOGEN OR POTENTIAL CARCINOGEN BY NTP, IARC OR OSHA.

**SECTION 6: REACTIVITY DATA**

STABILITY: STABLE

CONDITIONS TO AVOID: HEAT.

INCOMPATIBILITY (MATERIALS TO AVOID): STRONG ACIDS, OXIDIZERS, AMINES, PEROXIDES.

HAZARDOUS DECOMPOSITION PRODUCTS: COMBUSTION WILL LIBERATE CO<sub>2</sub> AND ACID GASSES.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR.

**SECTION 7: SPILL AND DISPOSAL PROCEDURES**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:  
ABSORB SPILL ON INERT MATERIALS (SAND, EARTH, CLAY ETC.). RESIDUES MAY BE WIPED OFF WITH EPOXY CLEAN-UP. WEAR GLOVES TO AVOID CONTACT.

WASTE DISPOSAL METHOD:

TRANSFER ABSORBANT MATERIAL TO METAL CONTAINERS FOR DISPOSAL.

**SECTION 8: PROTECTION INFORMATION**

VENTILATION: LOCAL EXHAUST PREFERRED. MECHANICAL (GENERAL) IS ACCEPTABLE.

SKIN: RUBBER GLOVES.

EYES: SAFETY GLASSES OR GOGGLES. DO NOT WEAR CONTACT LENSES WHEN HANDLING CHEMICALS.

RESPIRATORY: NONE NEEDED IN NORMAL USE.

OTHER PROTECTIVE EQUIPMENT: EYE-WASH STATION.

**SECTION 9: HANDLING AND STORAGE (lab quantities)**

KEEP CONTAINERS WELL CLOSED. STORE IN COOL, DRY, WELL VENTILATED AREA. FOR LABORATORY OR OFFICE USE ONLY. KEEP OUT OF REACH OF CHILDREN. AVOID HEAT AND DIRECT SUNLIGHT. NORMAL PRECAUTIONS OF LABORATORY GOOD HOUSEKEEPING PRACTICES SHOULD BE FOLLOWED.

**SECTION 10: MISCELLANEOUS INFORMATION**DO NOT MIX EPOXY RESIN AND HARDENER IN QUANTITIES OVER 100 G AT ONE TIME. EXOTHERMIC REACTION COULD LIBERATE LARGE AMOUNT OF HEAT AND CAUSE COMBUSTION OR DECOMPOSITION. MIX WELL JUST PRIOR TO POURING DIES. **NO DOT SHIPPING RESTRICTIONS APPLY.**

EMERGENCY RESPONSE: INFOTRAC: 1-800-535-5053

SALES INFORMATION: 1-800-558-5925 (8 AM TO 6 PM EST, MONDAY TO FRIDAY)

Revision Date: 3/1/2013 Information Furnished By: L. D. Hochhauser  
Product Development Mgr.

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# Global Safety Management, Inc

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To Whom It May Concern:

Die Epoxy Type 9000 & Type 8000 Resin.

This product is a kit with multiple components. Please see the individual component SDSs for information.

The GSM Reference numbers are:

GSM-180502

GSM-180503

Sincerely,

The Global Safety Management Team

[www.globalmsdslibrary.com](http://www.globalmsdslibrary.com)

1-813-435-5161