



MATERIAL SAFETY DATA SHEET

SECTION I. PRODUCT / COMPANY IDENTIFICATION

PRODUCT/TRADE NAME:

CC5718467-00 FDA PINK

RATIO/RESIN:

50/1 CUST. HIPS

DATE PREPARED:

May 2011

MANUFACTURER:

GLOBAL DENTAL IMPRESSION TRAYS, INC.
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SECTION II. COMPOSITION / INFORMATION ON INGREDIENTS

THE FOLLOWING INFORMATION PROVIDED ON THE BELOW PELLETIZED MATERIAL APPLIES TO THE PIGMENTS / RESIN IN THE PURE DRY FORM. THE FORM OF THE MATERIAL PROVIDED TO YOU IS ENCAPSULATED IN PLASTIC AND THEREFORE, THE LIKELIHOOD OF EXPOSURE IS MUCH LESS, EVEN TO THE POINT OF NEGLIGIBLE.

ALL UNITS ARE MG/CU.M

HAZARDOUS COMPONENTS	%	OSHA PEL	ACCGIH TLV
ZINC STEARATE			
CAS # 557-05-01	3.96600		
TITANIUM DIOXIDE	30.83700		
CAS#13463-67-7			

SECTION III. HAZARDS IDENTIFICATION

HEALTH HAZARDS (ACUTE AND CHRONIC):

INHALATION: PELLETS NOT RESPIRABLE. INHALATION OF FINES FROM GROUND PELLETS CAN IRRITATE THE NOSE AND THROAT.

SKIN: SKIN CONTACT WITH THE PELLETS AS RECEIVED DOES NOT PRESENT ANY KNOWN HEALTH HAZARD. HOT MOLTEN POLYMER WILL CAUSE SEVERE THERMAL BURNS.

INGESTION: NOT A PROBABLE ROUTE OF EXPOSURE.

SIGNS AND SYMPTOMS OF EXPOSURE: *NOTE: THE FOLLOWING INFORMATION PROVIDED ON THE HAZARDOUS PIGMENT (S) APPLIES TO THE PIGMENT (S) IN THE

PURE DRY FORM. THE FORM OF THE PIGMENT PROVIDED TO YOU IS ENCAPSULATED IN PLASTIC AND THEREFORE, THE LIKELIHOOD OF EXPOSURE IS MUCH LESS, EVEN TO THE POINT OF NEGLIGIBLE. WE THEREFORE CONSIDER THE LEVEL OF HAZARD TO BE NEGLIGIBLE.

THERMOPLASTIC RESIN: RESPIRATORY TRACT MAY BE IRRITATED BY NUISANCE DUST CAUSED BY HANDLING AND SOME OPERATIONS AND BY FUMES GENERATED DURING PROCESSING. NO OTHER EFFECTS HAVE BEEN ASSOCIATED WITH THE RESIN.

***TITANIUM DIOXIDE: EXPOSURE TO THIS PRODUCT FOR A SHORT DURATION IS NOT LIKELY TO CAUSE ADVERSE EFFECTS DIRECTLY AFTER EXPOSURE. CHRONIC OVER EXPOSURE TO TITANIUM DIOXIDE MAY CAUSE SLIGHT LUNG FIBROSIS. WHEN TITANIUM DIOXIDE WAS FED TO RATS AND MICE FOR THEIR LIFETIMES IN CARCINOGEN BIOASSAY, IT WAS NOT CARCINOGENIC. HOWEVER INHALATION OF TITANIUM DIOXIDE DUST AT 50 TIMES THE NUISANCE DUST LEVEL CAUSED FIBROSIS AND A SLIGHT INCREASE IN LUNG TUMOR INCIDENCE IN LABORATORY RATES. (**This only pertains to material that has Titanium please see Section II).

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: THERMOPLASTIC RESIN: NONE KNOWN.

SECTION IV. FIRST AID MEASURES

INHALATION: VENTILATION SHOULD BE PROVIDED TO CONTROL FUMES AND ODORS, AND ANY DUST CONDITIONS. IF EXPOSED TO FUMES AND OVERHEATING OR FROM COMBUSTION, MOVE TO FRESH AIR. CONSULT A PHYSICIAN.

SKIN: WASH SKIN WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING AND CLEAN BEFORE REUSE SEEK MEDICAL ATTENTION IN THE UNLIKELY EVENT THAT IRRITATION OCCURS. n/a

INGESTION: DO NOT GIVE BY MOUTH. CONSULT A PHYSICIAN.

SECTION V. FIRE FIGHTING MEASURES

FLASH POINT (METHOD USED): NOT EXAMINED

EXTINGUISHING MEDIA: WATER, CO2, FOAM, CHEMICAL DRY POWDER.

FLAMMABLE LIMITS: LEL: N/E UEL: N/E

SPECIAL FIRE FIGHTING PROCEDURES: TREAT AS ANY COMBUSTIBLE SOLID FIRE. WEAR SELF-CONTAINED BREATHING APPARATUS AND FULL TURNOUT GEAR TO FIGHT FIRES.

UNUSUAL FIRE AND EXPLOSION HAZARDS: BURNING MATERIAL MAY EMIT TOXIC FUMES. GASES RELEASED INCLUDE CARBON MONOXIDE AND VARIOUS HYDROCARBONS.

SECTION VI. ACCIDENTAL RELEASE MEASURES

STEPS TO TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: NORMAL CLEAN UP OF MATERIAL TO AVOID SLIPPING. PLACE SPILLED MATERIAL INTO APPROPRIATE WASTE CONTAINERS FOR DISPOSAL. CARE SHOULD BE TAKEN TO AVOID CAUSING DUST TO

BECOME AIRBORNE

SECTION VII. HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING. STORE IN A DRY, WELL-VENTILATED AREA, USING A CLOSED CONTAINER TO AVOID CONTAMINATION. KEEP AWAY FROM HIGH HEAT.

OTHER PRECAUTIONS: NOT TO BE TAKEN INTERNALLY. USE GOOD INDUSTRIAL HYGIENE PRACTICES

SECTION VIII. EXPOSURE CONTROL / PERSONAL PROTECTION

RESPIRATORY PROTECTION: NIOSH APPROVED DUST RESPIRATOR IF DUST LEVELS EXCEED THE OSHA EXPOSURE LIMITS.

VENTILATION: PROVIDE GOOD VENTILATION TO MAINTAIN DUST CONCENTRATIONS BELOW THE EXPOSURE LIMITS.

PROTECTIVE GLOVES: GLOVES OF IMPERVIOUS MATERIALS ARE RECOMMENDED.

EYE PROTECTION: SAFETY GLASSES OR GOGGLES ARE RECOMMENDED FOR DUST PROTECTION. WEARING OF CONTACT LENSES IN AREAS WHERE DUST EXISTS IS NOT RECOMMENDED.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: IMPERVIOUS CLOTHING COVERING ARMS AND LEGS SHOULD BE WORN.

WORK / HYGIENE PRACTICES: DO NOT EAT, DRINK, OR SMOKE IN WORK AREA. USE NORMAL SOAP AND WATER CLEANSING PROCEDURES

SECTION IX. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: COLORED PELLETS
COLOR: RED/PINK
COOLING POINT: DECOMPOSES ABOVE 500
VAPOR PRESSURE: N/A
VAPOR DENSITY (AIR=1): N/A
SOLUBILITY IN WATER: INSOLUBLE
*SPECIFIC GRAVITY (H₂O=1): NOT EXAMINED
MELTING POINT: 222°F
EVAPORATION RATE (BUTYL ACETATE=1): N/A

SECTION X. STABILITY AND REACTIVITY

STABILITY: STABLE X UNSTABLE _____
INCOMPATIBILITY (MATERIALS TO AVOID): STRONG OXIDIZING AGENTS
HAZARDOUS POLYMERIZATION: MAY OCCUR _____ MAY NOT OCCUR X
CONDITIONS TO AVOID: NONE KNOWN.

SECTION XII. ECOLOGICAL INFORMATION

EXOTOXICOLOGICAL INFORMATION: N/A

SECTION XIII. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: IF DISCARDED IN ITS ORIGINAL UNUSED FORM, THIS PRODUCT DOES NOT MEET THE DEFINITION OF A RCRA HAZARDOUS WASTE UNDER 40 CFR 261. HOWEVER, IT SHOULD BE MANAGED IN COMPLIANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL REQUIREMENTS

SECTION XIV. TRANSPORTATION INFORMATION

SHIPPING INFORMATION:

SHIPPING CONTAINERS:

BAGS

BOXES

DRUMS

GAYLORDS

NOT REGULATED AS A HAZARDOUS MATERIAL BY DOT OR IMO

SECTION XV. REGULATORY INFORMATION

OSHA -THIS PRODUCT IS NOT CONSIDERED TO BE HAZARDOUS SUBSTANCE UNDER OSHA'S FEDERAL HAZARD COMMUNICATION STANDARD 29 CFR 1910.1200

SARA TITLE III -ZINC STEARATE IS LISTED AS A "TOXIC CHEMICAL" (SECTION 313). DEPENDING UPON QUANTITIES USED, ANNUAL REPORTING MAY BE REQUIRED. ALSO, ZINC STEARATE MAY BE SUBJECT TO EMERGENCY RELEASE NOTIFICATION, CERCLA HAZARDOUS SUBSTANCE.

MADEP -MSDS FORMS MUST BE SUBMITTED IN ACCORDANCE WITH MASSACHUSETTS GENERAL LAW (MGL) CHAPTER 111F.

SECTION XVI. OTHER INFORMATION

FOR MORE INFORMATION CONTACT:

GLOBAL DENTAL IMPRESSION TRAYS, INC.

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MRS. KELLIE ALEXANDER

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