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MATERIAL SAFETY DATA SHEET

MANUFACTURER
GC AMERICA INC.
3737 West 127th St.
Alsip, Illinois, 60803
Telephone: 708-597-0900
Hours Mon.-Fri: 8:00 a.m.-5:00 p.m. C.S.T.
Transportation Emergency No. 800-424-9300

COMMON NAME: TRAY PLASTIC POWDER, BLUE - REGULAR & FAST
TRAY PLASTIC POWDER, WHITE - REGULAR & FAST
CHEMICAL NAME: N. A.
PRODUCT USE: Custom dental impression trays - powder component

The following information is provided with regard to the toxicity and hazards of the pure components present in this portion of the unmixed powder/liquid system.

SECTION 2 - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

COMPONENT	C.A.S.	EXPOSURE LIMITS	LD50/LC50	%
Zinc Stearate	557-05-1	10mg/m³	LD50=5g/kg (oral rat) LC50= >200 mg/kg	5-10
Benzoyl Peroxide	94-36-0	TWA=5mg/m³ (ACGIH)	N.E.	1-5
Dibutyl Phthalate	84-74-2	TWA=5mg/m³ (ACGIH)	N.E.	7-13

SECTION 3 - PHYSICAL/CHEMICAL PROPERTIES

BOILING POINT: N.E. **SPECIFIC GRAVITY:** N.E.
VAPOR PRESSURE: N.E. **MELTING POINT:** N.E.
VAPOR DENSITY: N.E. **EVAPORATION RATE:** N.E.
SOLUBILITY IN WATER: Insoluble **ODOR THRESHOLD:** N.E.
COEFFICIENT OF OIL/WATER DISTRIBUTION: N.E. **APPEARANCE AND ODOR:** Blue/white free flowing powder

SECTION 4 - FIRE AND EXPLOSION DATA

FLASH POINT: N.E. **FLAMMABLE LIMITS:** N.E.
EXTINGUISHING MEDIA: Water fog, foam, carbon dioxide, dry chemical
SPECIAL FIRE FIGHTING PROCEDURES: Self contained breathing apparatus with full face piece and protective clothing.
UNUSUAL FIRE AND EXPLOSION HAZARDS: Dust explosions can occur under conditions of high dust concentration in presence of an ignition source. (Spark or open flame).
HAZARDOUS COMBUSTION PRODUCTS: Carbon Dioxide, Carbon Monoxide, Methyl Methacrylate; toxic Zinc Oxides.

SECTION 5 - REACTIVITY DATA

	Stable	Unstable
STABILITY:		
POLYMERIZATION:	**Will Not Occur**	**Will Occur**

CONDITIONS TO AVOID: High heat, flames, sparks
INCOMPATIBILITY (Materials to Avoid): N.E.
HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: N.E.

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SECTION 6 - HEALTH HAZARD DATA and FIRST AID INFORMATION

	YES	NO	NE	NA	NTP	IARC	OSHA	OTHER
MUTAGENIC AFFECTS		X						
TERATOGENIC AFFECTS		X						
REPRODUCTIVE TOXIN		X						
CARCINOGENICITY		X						
SENSITIZER		X						

ROUTES OF ENTRY: Inhalation Skin Ingestion

HEALTH HAZARD (Acute And Chronic): May cause respiratory congestion due to dust.
SIGNS AND SYMPTOMS OF OVEREXPOSURE: N.E.
CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: N.E.

EMERGENCY FIRST AID PROCEDURES:

INHALATION: Remove victim to fresh air.

SKIN: Wash skin with soap and water.

EYES: Flush eyes with water. If redness, itching, or a burning sensation develops, seek medical attention.

INGESTION: Give one or two glasses of water to drink. If gastrointestinal distress develops, seek medical attention.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

IN CASE OF RELEASE OR SPILL: Sweep up and recover or mix material with moist absorbent and shovel into waste container. Wash spill area with hot water and detergent.
WASTE DISPOSAL METHOD: In accordance with local, state, federal regulations.
STORAGE, HANDLING, AND SPECIAL PRECAUTIONS: Store in a cool dry place; keep away from heat or open flame.

SECTION 8 - CONTROL MEASURES

RESPIRATORY PROTECTION: Minimize exposure to dust in accordance with good hygiene practice. Where needed, use MSHA-NIOSH approved respirator for dusts, mists and fumes.

VENTILATION:Local Exhaust: Yes **Mechanical:** N.E. **Special:** N.E. **Other:** N.E.

PROTECTIVE GLOVES: Disposable vinyl gloves
EYE PROTECTION: Safety glasses or goggles
OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Eye wash station
WORK/HYGIENIC PRACTICE: Follow good hygiene practices. Handle carefully to avoid creating dusts.

SECTION 9- PREPARATION INFORMATION

This data is supplied to comply with OSHA Hazard Communication Standard 29 CFR 1910,1200 and W.H.M.I.S. CPR

PREPARED BY: T. Joritz **DATE:** 09 January 2006
Director Regulatory Affairs

N.A. = NOT APPLICABLE
N.E. = NOT ESTABLISHED

The information herein is given in good faith but no warranty expressed or implied is made.

NFPA

FIRE - 1 TOXICITY - 1 REACTIVITY - 1 SPECIAL - OXY