

## MATERIAL SAFETY DATA SHEET

### SECTION I: IDENTIFICATION

MANUFACTURER: LANG DENTAL MFG. CO., INC.  
175 MESSNER DRIVE  
WHEELING, IL 60090

TELEPHONE: PRODUCT INFORMATION: (800) 222-LANG  
MEDICAL EMERGENCY: (800) 222-5264 7:00am-4pm c.t.  
or INFOTRAC 24HRS CHEMICAL RESPONSE SYSTEM (800) 535-5053

PRODUCT: INSTANT TRAY MIX POWDER

PRODUCT NUMBERS: 1833, 1845, 1856, 1877, 1889, 1830, 1840, 1850, 1870, 1880

CHEMICAL NAME: POLY (METHYL METHACRYLATE / ETHYL ACRYLATE)

### SECTION II: COMPONENTS

INGREDIENT (S)	CAS Number	%
Poly (Methyl Methacrylate Ethyl Acrylate)	9010-88-2	< 99

### SECTION III: PHYSICAL DATA

BOILING POINT: NE SPECIFIC GRAVITY (H<sub>2</sub>O=1): 1.18

VAPOR PRESSURE: NE PERCENT VOLATILE W/W%: < 1%

VAPOR DENSITY (AIR=1): NE EVAPORATION RATE: NA

SOLUBILITY IN WATER: NIL ODOR: typical "methacrylate"

FORM: Beads

### SECTION IV: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 300 C (572 F)

FLAMMABLE LIMIT, AIR VOL%: LOWER: NA  
UPPER: NA

EXTINGUISHER METHOD: Water, carbon dioxide, dry chemical.

SPECIAL FIRE FIGHTING PROCEDURES: None.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None.

Combustible but not readily ignited. May form explosible dust clouds in air.

## SECTION V: HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE (TLV): NE for monomeric MMA: 100 ppm

EFFECTS OF OVER EXPOSURE: It is not known to cause significant health problems. It is considered an inert or nuisance dust. Avoid inhalation of dust. Keep dust out of eyes to prevent possible irritation.

### EMERGENCY AND FIRST AID PROCEDURES:

INHALATION: Remove to fresh air. Get medical help if discomfort persists.  
EYES: Flush with water for 5 minutes, including under eyelids.  
SKIN: Wash with soap and water. Get medical help if discomfort persists.  
INGESTION: Rinse mouth out with water. Call doctor if amount was large.

## SECTION VI: REACTIVITY DATA

STABILITY: Stable

CONDITIONS TO AVOID: Heating above 200 deg. C

INCOMPATIBILITY (MATERIALS TO AVOID): NA

HAZARDOUS DECOMPOSITION PRODUCTS: Methyl methacrylate, ethyl acrylate

HAZARDOUS POLYMERIZATION: Will not occur.

## SECTION VII: SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Sweep up to avoid slipping hazard. Keep airborne particulate at a minimum when cleaning up spills.

WASTE DISPOSAL METHODS: May be disposed of in landfill or incinerated. Follow federal, state and local regulations for disposal.

## SECTION VIII: SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (SPECIFY TYPE): Use type for particulates not otherwise classified, if needed.  
VENTILATION: Local exhaust at processing equipment.

PROTECTIVE GLOVES: If hot plastic is handled.

EYE PROTECTION: Safety glasses.

## SECTION IX: SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Store in cool dry place. Keep container closed to prevent water absorption and contamination.

OTHER PRECAUTIONS: Wash thoroughly after use and before eating or smoking.

## SECTION X: ADDITIONAL INFORMATION

This information has been gathered from reliable sources and is believed to be correct. However, the information is provided without any warranty, either expressed or implied. Lang Dental Mfg. Co., Inc. shall not be held liable for any damage resulting from the handling of or contact with the above product.

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