

MATERIAL SAFETY DATA SHEET**SECTION I – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

MANUFACTURER: LANG DENTAL MFG. CO., INC.
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USA

TELEPHONE: PRODUCT INFORMATION: (800) 222-5264 or (847) 215-6622
MEDICAL EMERGENCY: (800) 222-5264 7:00am-4:00pm central time
or INFOTRAC 24 HRS CHEMICAL RESPONSE SYSTEM (800) 535-5053 or (352) 323-3500

CHEMICAL NAME: PLASTICIZED METHACRYLATE POLYMER

PRODUCT: JET ACRYLIC POWDER

PRODUCT NUMBERS: 1493, 1494, 1423, 1434, 1456, 1410, 1420, 1430, 1450, 1499, 1223,
1234, 1256, 1267, 1289, 1220, 1230, 1250, 1260, 1280, 0395

SECTION II – COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENT (S):	CAS NUMBER:	%:
Particulates, NOC	NE	< 99
Dialkyl Phthalate	84-66-2	< 15

SECTION III – HAZARDS IDENTIFICATION

PRIMARY ROUTES OF ENTRY: Eyes or skin (no absorption); inhalation of dusts.

EFFECTS OF OVER EXPOSURE: OSHA classifies this material as Particulates, not otherwise classified. Eyes, skin and respiratory tract may be irritated by gross overexposure to particulates, not otherwise classified, no matter how they are generated. Avoid inhalation of dust. Keep dust out of eyes to prevent possible irritation.

SECTION IV – FIRST AID MEASURES

EMERGENCY AND FIRST AID PROCEDURES:

INHALATION: Remove to fresh air. Get medical help if discomfort persists.
EYES: Flush with water for 15 minutes, including under eyelids. Get medical help if discomfort persists.
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 V – FIRE FIGHTING MEASURES

EXTINGUISHER METHOD: Water, carbon dioxide, dry chemical

SPECIAL FIRE FIGHTING PROCEDURES: Avoid extinguishing methods which may generate dust clouds. Water stream can disperse dust in air, producing a fire hazard and possible explosion hazard if exposed to ignition source.

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UNUSUAL, FIRE AND EXPLOSION HAZARDS: Polymer dust is combustible. The explosive limits of the polymer particles suspended in air are approximately those of coal dust. Fire fighters should wear self-contained breathing apparatus.

SECTION VI – ACCIDENTAL RELEASE MEASURES

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.

SECTION VII – HANDLING AND STORAGE

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 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 – PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT: NA

SPECIFIC GRAVITY (H₂O=1): 1.25

VAPOR PRESSURE: NA

PERCENT VOLATILE W/W%: NA

VAPOR DENSITY (AIR=1): NA

EVAPORATION RATE: NA

FLASH POINT: 304 C (580 F)

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

AUTOIGNITION TEMPERATURE: NE

APPEARANCE AND ODOR: Fine powder. Faint odor in bulk.

SOLUBILITY IN WATER: Insoluble

SECTION X – STABILITY AND REACTIVITY

STABILITY: Stable

CONDITIONS TO AVOID: Heating above 240 °C (464 °F)

INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: Methyl methacrylate monomer and oxides of carbon.

HAZARDOUS POLYMERIZATION: Will not occur.

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TARGET ORGANS: For Polymer – None Listed.
For Dialkyl Phthalate – None Listed.

TOXICITY DATA: For Polymer – None Listed. RTECS – Not Listed. TSCA – Listed.
For Dialkyl Phthalate – TC₅₀ Inhalation Human – 1000 mg/m³. RTECS – T11050000. TSCA – Listed.
EINECS – Listed.

SECTION XII – ECOLOGICAL INFORMATION

AQUATIC TOXICITY: For Polymer – None Listed.

ECOLOGICAL TOXICITY: For Polymer – Not known.

SECTION XIII – DISPOSAL CONSIDERATIONS

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

SECTION XIV – TRANSPORTATION

SHIPPING NAME: Synthetic Gum Resin Granular, NOIBN

SECTION XV – REGULATORY INFORMATION

TSCA: For use in FDA regulated products only.

CANADIAN WHMIS: This product has been classified in accordance with the hazardous criteria of the CPR and the MSDS contains all the information required by the CPR.

SECTION XVI – OTHER INFORMATION

HAZARDOUS MATERIAL IDENTIFICATION SYSTEM (HMIS) RATING:

HEALTH = 1
FLAMMABILITY = 1
REACTIVITY = 0

This data sheet prepared in accordance with Directive 93/112/EC

The above 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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