

SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identification

Product Name: Massad Edentulous Low Temp Impression Tray
Chemical Name: NatureWorks
Chemical Family: Polyactide resin
CAS Number: 9051-89-2

Company Identification

Nobilium, Div. of CMP Industries LLC
413 North Pearl St
Albany, NY 12207-1311 USA
(518)-434-3147 (For product information)
(800)-833-2343 (For emergencies)
1-800-424-9300 or 1-703-527-3887 (CHEMTREC)

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

This product is not classified under GHS.

EYE:

Contact with eyes may cause irritation.

SKIN:

Substance may cause slight skin irritation.

INHALATION:

Inhalation of dust may cause shortness of breath, tightness of the chest, a sore throat and cough. Low hazard for usual industrial or commercial handling.

INGESTION:

Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

TARGET ORGAN:

There were no target organ effects noted following ingestion or dermal exposure in animal studies.

MEDICAL CONDITIONS AGRAVATED BY EXPOSURE:

Sensitization: Did not cause sensitization on laboratory animals.

3. COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENT LISTING:



Chemical Name	Amount	CAS Number
POLYACTIDE RESIN	> 98.0 %	9051-89-2
TITANIUM DIOXIDE	< 1.0 %	13463-67-7
ZINC STEARATE	< 1.0 %	557-05-1

This product contains no known hazardous materials as defined by the OSHA Hazard Communication Standard 29 CFR 1910.1200.

As defined under Sara 311 and 312, this product contains no known hazardous materials.

4. FIRST AID MEASURES

EYE CONTACT FIRST AID:

In case of contact with eyes, rinse immediately for 15 minutes with plenty of water. Call a physician immediately.

SKIN CONTACT FIRST AID:

Rinse immediately with plenty of water for at least 15 minutes. If skin irritation persists, call a physician. Cool skin rapidly with cold water after contact with hot polymer.

INHALATION FIRST AID:

Move to fresh air. Call a physician immediately.

INGESTION FIRST AID:

Drink water as a precaution. Never give anything by mouth to an unconscious person. Do not induce vomiting without medical advice. Call a physician immediately.

STATEMENT OF PRACTICAL TREATMENT:

Treat symptomatically.

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES

COC Flash Point: N/A

Autoignition Temperature: 388 C (730.4 F)

FLAMMABLE LIMITS IN AIR

LEL: N/A

UEL: N/A

EXTINGUISHING MEDIA:

Foam. Water. Carbon dioxide(CO2). Dry chemical. Alcohol resistant foams are preferred if available. General-purpose synthetic foams(including AFFF) or protein foams may function, but with less effectively.

FIRE & EXPLOSION HAZARDS:

Burning produces obnoxious and toxic fumes. Aldehydes, Carbon Monoxide(CO) and Carbon Dioxide.

FIRE FIGHTING INSTRUCTIONS:

Fire fighters should be equipped with self-contained breathing apparatus pressure demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

COMBUSTION PRODUCTS:



Fine dust dispersed in air may ignite. Risks of ignition followed by flame propagation or secondary explosion shall be prevented by avoiding accumulation of dust, e.g. on floors and ledges.

MISCELLANEOUS:

Cool containers/tanks with spray water. Water mists may be used to cool closed containers.

6. ACCIDENTAL RELEASE MEASURES

SAFEGUARDS (PERSONNEL):

Use personal protective equipment. See section 8. Remove all sources of ignition. Avoid dust formation. Avoid contact with skin and eyes. Sweep up to prevent slipping hazard.

LARGE SPILLS PROCEDURE:

For large amounts: Sweep/shovel up. Vacuum up spilled product.

MISCELLANEOUS:

In case of spill or leak contain spill. Sweep or scoop up and remove to suitable container. Consult a regulatory specialist to determine appropriate state or local reporting requirements, for assistance in waste characterization and/or hazardous waste disposal and other requirements listed in pertinent environmental permits.

7. HANDLING AND STORAGE

HANDLING (PERSONNEL):

Avoid breathing processing fumes or vapors. Handle in accordance with good industrial hygiene and safety practices. These practices include avoiding unnecessary exposure and removal of material from eyes, skin and clothing. Process using adequate ventilation.

HANDLING (PHYSICAL ASPECTS):

Avoid contact with skin and eyes. Avoid dust formation. Workers should be protected from the possibility of contact with molten material during fabrication. Low hazard for usual industrial or commercial handling. Use personal protective equipment. See section 8.

STORAGE PRECAUTIONS:

Storage should be in a cool dry place. This material is not hazardous under normal storage conditions; however, material should be stored in closed containers, in a secure area to prevent container damage and subsequent spillage.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS:

Investigate engineering techniques to reduce exposures. Provide ventilation if necessary to minimize exposure. Dilution ventilation is acceptable, but local mechanical exhaust ventilation preferred, if practical, at sources of air contamination such as open process equipment.

EYE / FACE PROTECTION REQUIREMENTS:

Use good industrial practice to avoid eye contact. Processing of this product releases vapors or fumes which may cause eye irritation. Where eye contact may be likely, wear chemical goggles and have eye flushing equipment available.



SKIN PROTECTION REQUIREMENTS:

Minimize skin contamination by following good industrial hygiene practice. Wearing protective gloves is recommended. Wash hands and contaminated skin thoroughly after handling.

RESPIRATORY PROTECTION REQUIREMENTS:

Avoid breathing processing fumes or vapors. Where airborne exposure is likely, use NIOSH approved respiratory protective equipment appropriate to the material and/or its components and substances released during processing. If exposures cannot be kept at a minimum with engineering controls, consult respirator manufacturer to determine appropriate type equipment for a given application. Observe respirator use limitation specification by NIOSH or the manufacturer. For emergency and other conditions where there may be a potential for significant exposure, use an approved full-face positive-pressure, self-containing breathing apparatus or positive-pressure airline with auxiliary self-contained air supply. Respiratory protection programs must comply with 29 CFR 1910.134.

EXPOSURE GUIDELINES:

No Information Available.

MISCELLANEOUS:

The components of this product have no established Airborne Exposure Guidelines.

9. PHYSICAL AND CHEMICAL PROPERTIES

FORM:	Solid
COLOR:	Clear, translucent, opaque pellets
ODOR:	No significant odor
VAPOR PRESSURE:	ND
VAPOR DENSITY:	ND (Air = 1)
SOLUBILITY IN WATER:	Negligible
SPECIFIC GRAVITY:	1.248 (Water = 1)
PH:	NA

10. STABILITY AND REACTIVITY

STABILITY:

This material is chemically stable under normal and anticipated storage and handling conditions.

POLYMERIZATION:

Hazardous polymerization will not occur.

INCOMPATIBILITY WITH OTHER MATERIALS:

Oxidizing agents. Strong bases.

DECOMPOSITION:

Hazardous decomposition products: Burning produces obnoxious and toxic fumes. Aldehyde. Carbon monoxide and Carbon Dioxide,.

CONDITIONS TO AVOID:

Temperatures above 446F (230C).

11. TOXICOLOGICAL INFORMATION



SKIN EFFECTS:

Acute dermal LD 50, rabbit:> 2000 mg/kg.

ACUTE ORAL EFFECTS:

Acute oral LD 50, rat: > 5000 mg/kg.

MISCELLANEOUS:

Product poses a low hazard under typical manufacturing conditions. no known chronic effects.

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL HAZARDS:

Does not bioaccumulate. Inherently biodegradable.

ENVIRONMENTAL FATE:

EC50/72h/algae> 1100 mg/L.

MISCELLANEOUS:

Chemical Fate Information: No data are available.

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL:

In accordance with local and national regulations. Do not contaminate ponds, waterways or ditches with chemical or used container.

Note: Chemical additions to, processing of, or otherwise altering this material may make this waste management information incomplete, inaccurate, or otherwise inappropriate. Furthermore, state and local waste disposal requirements may be more restrictive or otherwise different from federal laws and regulations.

14. TRANSPORT INFORMATION

PRODUCT LABEL:	Massad Edentulous Low Temp Impression Tray
D.O.T. SHIPPING NAME:	Not Regulated

15. REGULATORY INFORMATION

REGULATORY DISCLOSURES:

Hazard Categories Under Criteria of SARA (EPCRA 311/312) Not hazardous.

EEC Symbols and Indications of Danger:

Not Determined

WHMIS Hazard Symbols:

None



16. OTHER INFORMATION

REASON FOR ISSUE: New MSDS
PREPARED BY: John Nicpon
APPROVED BY: John Nicpon
TITLE: Quality Manager
APPROVAL DATE: April 3, 2015
SUPERCEDES DATE: March 30, 2015
RTN NUMBER: 00061075 (Official Copy)

HMIS Rating:

Health - 1
Flammability - 1
Reactivity - 0

NFPA Rating:

Health - 1
Flammability - 1
Reactivity - 0
Special Hazard - Not determined

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END OF SAFETY DATA SHEET

