

SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identification

Product Name: Massad Edentulous Esthetic Functional Space Ruler (EEFSR)
Product Number: 689810
Chemical Name: P4G4Z-011
Chemical Family: Polypropylene homopolymer

Company Identification

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

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

This material is not classified under GHS.

EYE:

Product may contain residual amounts of dust or small particulates which may cause eye irritation or abrasion experienced as mild discomfort and slight redness of the eye.

SKIN:

Product may contain residual amounts of dust or small particulates that may cause skin irritation or abrasion experienced as local redness with possible mild discomfort.

INHALATION:

Dust may cause irritation of the nose and throat. Overexposure to high concentrations of dust may cause respiratory irritation, experienced as coughing and difficulty breathing. Product not volatile at ambient temperatures. Vapors or mist in high concentrations, as generated from spraying or heating in an enclosed space, may cause minimal irritation.

INGESTION:

May cause abdominal discomfort, nausea, and diarrhea.

CHRONIC EFFECTS:

Prolonged or repeated inhalation of dust or particulates may impair lung function or cause lung damage.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:

There is no evidence that this product aggravates an existing medical condition.



3. COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENT LISTING:

Chemical Name	Amount	CAS Number
POLYPROPYLENE HOMOPOLYMER	> 99.0 %	9003-07-0
TITANIUM DIOXIDE	< 1.0 %	13463-67-7
METAL SALT AZO YELLOW	< 1.0 %	129423-54-7
ZINC STEARATE	< 1.0 %	557-05-1
C.I. PIGMENT YELLOW 214/ORGANIC	< 1.0 %	Proprietary

COMPOSITION COMMENT:

Considered non-hazardous by resin and pigment suppliers.

109C FDA Yellow used as pigment.

4. FIRST AID MEASURES

EYE CONTACT FIRST AID:

Hold eyelids apart and flush eyes with plenty of water for at least 15 minutes. Get medical attention if eye irritation persists.

SKIN CONTACT FIRST AID:

Wash skin with soap and water. Get medical attention if skin irritation develops or persists.

INHALATION FIRST AID:

If irritation, headache, or drowsiness occurs, remove to fresh air and seek medical attention.

INGESTION FIRST AID:

None considered necessary.

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES

TCC Flash Point: >343 C (> 649.4 F)
Autoignition Temperature: 570 C (1058.0 F)

FLAMMABLE LIMITS IN AIR

LEL: N/A
UEL: N/A

EXTINGUISHING MEDIA:

Use water spray, dry chemical, foam, or carbon dioxide to extinguish flames. Use water to cool fire-exposed containers. Water or foam may cause frothing.

FIRE & EXPLOSION HAZARDS:

Hazardous melting and dripping may occur at elevated temperatures. May burn at or above flash point, and airborne dust may explode if ignited. See National Fire Protection Prevention Association Bulletin 654, 'Dust Explosion Prevention, Plastics Industry 1975'.

FIRE FIGHTING INSTRUCTIONS:



As in any fire, wear self-contained breathing apparatus pressure-demand MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

SAFEGUARDS (PERSONNEL):

Avoid the generation of dust clouds. Place in appropriate containers for disposal or recycle. Avoid breathing dust. Wear appropriate personal protective equipment for the potential exposure hazard.

INITIAL CONTAINMENT:

Contain spilled material.

LARGE SPILLS PROCEDURE:

Clean-up with dustless method (use vacuum or wet sweeping) provide ventilation. Do not dry sweep.

SMALL SPILLS PROCEDURE:

Same as large spill.

MISCELLANEOUS:

Prevent entry into sewers and waterways.

7. HANDLING AND STORAGE

HANDLING (PHYSICAL ASPECTS):

Practice good housekeeping and clean up spills immediately. The handling of this product during fabrication may generate nuisance dusts. Take necessary precautions.

STORAGE PRECAUTIONS:

Avoid extreme temperatures.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS:

Local exhaust ventilation recommended if generating vapor, dust or mist. If exhaust ventilation is not available or inadequate, use MSHA or NIOSH approved respirator as appropriate. It is recommended that adequate ventilation be provided at external extrusion points where the product is at elevated temperatures.

EYE / FACE PROTECTION REQUIREMENTS:

Safety glasses, chemical type goggles, or face shield recommended to prevent eye contact. Heat resistant face shield recommended when handling hot material.

SKIN PROTECTION REQUIREMENTS:

Protective clothing such as coveralls or lab coats should be worn. Launder or dry-clean when soiled. Gloves and boots resistance to chemicals and petroleum distillates also recommended. Heat protective clothing should be worn when handling heated materials.

RESPIRATORY PROTECTION REQUIREMENTS:

Airborne concentrations should be kept to lowest levels possible. If vapor, mist or dust is generated and the occupational exposure limit of the product, or any component of the product exceeded, use appropriate NIOSH



approved air purifying or air supplied respirator after determining the airborne concentration of the contaminant. Air supplied respirators should always be worn when airborne concentration of the contaminant or oxygen content is unknown.

**EXPOSURE GUIDELINES:
TITANIUM DIOXIDE**

OSHA PEL: 15 mg/m³
OSHA TWA: 10 mg/m³

9. PHYSICAL AND CHEMICAL PROPERTIES

COLOR:	Translucent pellet
ODOR:	Odorless
SOLUBILITY IN WATER:	Insoluble
SPECIFIC GRAVITY:	0.900-0.905 (Water = 1)
SOFTENING POINT:	160-164C (320-327F)

10. STABILITY AND REACTIVITY

POLYMERIZATION:

Product will not undergo polymerization.

INCOMPATIBILITY WITH OTHER MATERIALS:

This product is softened by oxidizing agents(i.e. nitric acid, free halogens), hydrocarbons(i.e. benzene, gasoililne, petroleum ether) and by chlorinated hydrocarbons.

DECOMPOSITION:

At processing temperatures some degree of thermal degradation will occur. A variety of decomposition products may occur including simple hydrocarbons to toxic and irritating gases such as carbon, carbon monoxide, acids, ketones, and aldehydes. Some special film grades may also release fluorinated organic substances.

11. TOXICOLOGICAL INFORMATION

EYE EFFECTS:

Product may contain dust or particulates that may cause eye irritation or abrasion.

ACUTE ORAL EFFECTS:

LD50>5.00 g/kg (rat) practically non-toxic.

Dermal.

LD50> 2.00 g/kg(rabbit) practically non-toxic.

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL HAZARDS:

Not determined.



13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL:

This product has been evaluated for RCRA characteristics and does not meet the criteria of a hazardous waste if discarded in its purchased form. Under RCRA, it is the responsibility of the user of the product to determine at the time of disposal, whether the product meets RCRA criteria for hazardous waste. This is because product uses, transformations, mixtures, processes etc, may render the resulting materials hazardous.

14. TRANSPORT INFORMATION

PRODUCT LABEL: Massad Edentulous Esthetic Functional Space Ruler (EEFSR)
D.O.T. SHIPPING NAME: Not Regulated

15. REGULATORY INFORMATION

EEC Symbols and Indications of Danger:
Not Determined

WHMIS Hazard Symbols:
None

16. OTHER INFORMATION

PREPARED BY: John Nicpon
APPROVED BY: John Nicpon
TITLE: Quality Manager
APPROVAL DATE: March 30, 2015
SUPERCEDES DATE: March 30, 2015
RTN NUMBER: 00061060 (Official Copy)

HMIS Rating:
Health - 0
Flammability - 1
Reactivity - 0
Personal Protection Index - 0

NFPA Rating:
Health - 0
Flammability - 1
Reactivity - 0

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