

Material Safety Data Sheet

“BLUEGRASS ROLLER”

Material Safety Data Sheet

Date Prepared: June 30, 1998

Section I — Product Identification

IDENTITY:

BLUEGRASS ROLLER (Hex Rod)

611-025

Section II — Manufacturer's Name:

TP ORTHODONTICS, INC.
100 Center Plaza
LaPorte, IN 46350

Emergency Telephone Number: 219-785-2591
Telephone Number for Information: 800-348-8856
Fax: 219-324-3029

Section III — Hazardous Components

Material	CAS #	%	OSHA PEL	TLV (TWA)	DUPONT AEL
No added component at 1% or more.	N/A	N/A	N/A	N/A	N/A

Is any chemical present in this product at a concentration of 0.1% or more classified as a carcinogen by IARC,

NTP or OSHA? No

Section IV — Physical Data

Melting Point 250 - 260°C

Solubility in Water Insoluble

% Volatile ca 1

Form Solid

Appearance Granules

Color Natural

Odor None

Section V — Fire and Explosion Data

Flash Point N/A

Flash Ignition Temp. 400°C

Method ASTM D1929

Fire and Explosion Hazards Large molten masses may ignite spontaneously in air. Water quenching of such masses is good practice.

Extinguishing Media Water, Carbon Dioxide, Foam, Dry Chemicals

Special Fire Fighting Instructions None

Section VI — Hazardous Reactivity

Conditions to Avoid Heating above 340°C

Materials to Avoid Strong Acids and oxidizing agents.

Hazardous Combustion and Decomposition Products Ammonia, carbon monoxide, hydrogen cyanide, aldehydes.

Section VII — Health Hazard Information

Acute Effects of Exposure:

Ingestion (Swallowing)	Not a probable route of exposure.
Inhalation (Breathing)	Very low toxicity. Granules not respirable.
Skin Contact	Molten polymer causes thermal burns.
Eye Contact	Mechanical irritation.
Chronic Effects of Exposure	No chronic effects known.

Section VIII — Emergency and First Aid Procedures

Ingestion (Swallowing)	Not a probable route of exposure.
Inhalation (Breathing)	Granules not respirable.
Skin Contact	If molten polymer contacts the skin, cool rapidly with cold water. Do not attempt to peel polymer from the skin. Obtain medical attention for thermal burn.
Eye Contact	Mechanical irritation. Flush with cold water.

Section IX— Disposal Procedures

Aquatic Toxicity	Very low toxicity.
Spill, Leak, or Release	Sweep up to prevent slipping hazards.
Waste Disposal	Incineration or landfill in compliance with federal, state and local regulations.

Section X — Protection Information

Ventilation	Local exhaust at processing equipment to keep particulate below 15 mg/m ³ (OSHA limit for nuisance dusts).
Personal Protective Equipment	
Eye: Safety glasses	
Gloves: Protective gloves when polymer is hot.	
Respirator: None under normal processing.	
Other: None	

Section XI — Special Precautions

Read Section 12 Safety in “Zytel® Molding Guide” Bulletin E23285. Face mask and protective clothes recommended for abnormal processing problems.

Section XII — Storage Conditions

Cool, dry place. Keep containers tightly closed to prevent moisture absorption and contamination.

N/A means Not Applicable

AEL stands for Dupont’s “Acceptable Exposure Limit”

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