SAFETY DATA SHEET

1 CHEMICAL / PREPARATION AND ENTERPRISE

1.1 Identity : **Delrin/ Ultraform/ Hostaform (POM, Polyoxymethylene)**

Company : DYNA DENTAL ENGINEERING BV
P.O. Box 70
4600 AB Bergen op Zoom
The Netherlands

Information Telephone: +31 (0)164 258980

2 COMPOSITION / INFORMATION OF THE INGREDIENTS

Chemical composition : Polyoxymethylene

3 POSSIBLE HEALTH HAZARDS

Danger	Finished product	Fumes while melting	Dust while processing
Inhalation :	None	Irritation and allergic reactions	Irritation
Skin :	None	Irritation and allergic reactions	None
Eye contact :	None	Irritation and allergic reactions	Irritation
Ingestion :	None	Irritation and allergic reactions	Irritation

4 FIRST AID PROCEDURE

Inhalation: Dusts and vapours, remove to fresh air.

Skin contact: In case of contact with molten polymer, cool with plenty of cold water. Do not peel polymer from skin. Seek medical help form burns.

Eye contact: Flush with plenty of water keeping eyelid open. If eye irritation persists, consult a specialist.

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5 FIRE AND EXPLOSION HAZARD DATA

Autoignition temperature:	310-350 °C
Burning conditions:	Invisible flame Dense black smoke Release of carbon monoxide and formaldehyde

6 MEASURES IN CASE OF ACCIDENTAL RELEASE

Remove dust by vacuuming or wet sweeping to prevent powdering in the air. Wear approved respirators and protective clothing. Use containerised disposal. No special precautions are required for bulk (solid) shapes.

7 HANDLING AND STORAGE

7.1 Handling: No protective measures required in condition as delivered.

7.2 Storage: No protective measures required in condition as delivered.

7.3 Fire and explosion protection: N/A

8 EXPOSURE / PERSONAL PROTECTION

General recommendations	: General and local ventilation and exhaust filtration should be employed.
Respiration	: Dust mask.
Eye protection	: Goggles are recommended.
Skin protection	: Wear protective clothing and gloves.

9 PHYSICAL AND CHEMICAL CHARACTERISTICS

9.1 Appearance / Colour: White

9.2 Odour: Slight Odour

9.3 Melting range: 210 – 220 °C

9.4 Ignition temperature: 310-350 °C

9.5 Density: 1420 kg/m^3

9.6 Solubility in water: Insoluble

10 STABILITY AND REACTIVITY DATA

10.1 Stability: Stable at normal temperatures and storage conditions.

10.2 Hazardous decomposition products: Heating above 220°C forms formaldehyde.

11 INFORMATION ON TOXICITY

No specific information is available which addresses medical conditions that are generally recognized as being aggravated by this product.

12 INFORMATION ON ECOLOGICAL EFFECTS

No particular measures required

13 INSTRUCTIONS FOR DISPOSAL

Observe official regulations

14 TRANSPORT

14.1 Land transport: Non hazardous goods

14.2 Air transport: Non hazardous goods

14.3 Offshore water transport: Non hazardous goods

14.4 Inland water transport: Non hazardous goods

15 REGULATIONS

15.1 Risk symbol(s): N/A

15.2 R-phrases: N/A

15.3 S-phrases: N/A

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16 FURTHER INFORMATION

Burn-out properties:

Burn-out temperature	260-300 °C
Burn-out time	20 min.
Heating cycle	maximum of 30 °C/min.

Abbreviations:
N/E: Not Established; N/A: Not Applicable.