



I – Identification of the Substance and of the Company

SUPPLIER: RMO, Inc. Trade Name and Synonyms –
650 W. Colfax Ave. Denver, CO 80204 Premium Clear Bracket / Self Ligation
303-592-8200 Brackets and Buttons

Product Grade / Name:

Medical grade compound Copolymer with up to 3 % Aluminium Oxide (Al₂O₃)

Emergency Information Chemtrec: 800-424-9300

Chemtrec International: 202-483-7616

II – Composition / Information on Ingredients

<u>MATERIAL</u>	<u>Wt. Percentage</u>	<u>CAS Number</u>
Polyurethane	97%	61789-63-7
Aluminum Oxide	3%	1344-28-1

Clear, Copolymer Brackets are not generally considered hazardous in the form they are shipped. Further grinding, cutting, or any other procedures that causes a release of dust, hazardous levels of dust may be generated.

III – Hazards Identification

Not a hazardous material

Ingestion: While health effects caused by ingestion of large quantities is unlikely; consult a physician if this occurs.

Skin Contact: No documented irritation

Eye Contact: No documented irritation

Relevant rates: None

Inhalation: Not Applicable

IV – First Aid Measures

None needed

V – Fire Fighting Measures

Extinguishing Media:	Water spray, CO2, Dry Chemical
Fire and Explosion hazard:	None
Special Fire Fighting Procedures:	None

VI – Accidental Release Measures

Sweep up to avoid slipping hazards
Environmental precautions: None

VII – Handling and Storage

Store in a cool, dry place.
Avoid contact with strong acids and oxidizing agents.
Avoid temperatures greater than 140° C because the product contains a burnable polymer.
Eye protection required when cutting, grinding or welding.

VIII – Exposure Controls / Personal Protection

Respiratory Protection: None required
Skin Protection: None required
Eye Protection: only required when cutting, grinding or welding
Parameters to be taken care of: none
Prescription limits that refer to the working area: none
Additional hints: none

IX – Physical and Chemical Properties

Appearance:	Solid plastic
Color:	Clear
transparent Odor:	Odorless
Solubility in water:	Insoluble
Melting Point:	Not known
Boiling Point:	Not known
Flash Point:	>100° C
Vapor Density:	>1
Specific Gravity:	1,15 g/cm ³ (water=1)

X – Stability and Reactivity

Conditions to avoid: extreme temperatures for a long time
Incompatibility: contact to strong acids and oxidizing agents
Hazard Polymerization: none

XI – Toxicological Information

This material is not toxicological in normal storage and handling. However, all thermoplastic materials release some vapors or gases at high temperature.

XII – Ecological Information

No ecological effects are known.
Water peril: none

XIII – Disposal Considerations

Landfill in accordance with all applicable federal, state, and local regulations.
The possibility of recycling must be proofed under local regulations.
Abfallschlüssel-Nr. nach ÖNORM S 2100: 57128 (Austria).

XIV – Transportation Information

Not dangerous according to transportation regulations.

XV – Regulatory Information

Identification according to EC-Directive: no obligatory indication.
No obligatory identification according to the ChemG BGBl.Nr. 53/1997 idgF. (Austria)

XVI – Other Information

N/A = Not Applicable

Relevant rates: none

Note: While the information and recommendations set forth on this data sheet are believed to be accurate as received from our suppliers, RMO, Inc. makes no warranty with respect thereto and disclaims all liability from reliance thereon.