

**I – Identification of the Substance and of the Company**

SUPPLIER: RMO, Inc.
650 W. Colfax Ave.
Denver, CO 80204
303-592-8200

Trade Name and Synonyms – Alice
Brackets, Clear Composite Brackets, FLI®
Composite Brackets, Lingual Buttons, Bite
Guides

Emergency Information Chemtrec: 800-424-9300
Chemtrec International: 202-483-7616

Product Grade / Name:
Polyurethane

II – Composition / Information on Ingredients

<u>MATERIAL</u>	<u>Wt. Percentage</u>	<u>CAS Number</u>
Methylenediphenyl Diisocyanate (MDI)	85 – 95	101-68-8
1,1' – Methylenebis [isocyanatobenzene] (MDI) - 2,2,2,4 Methylene-diphenyl diisocyanate (MDI)	5 -15	26447-40-5

Composite 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

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.

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		
Shore D-hardness:	DIN 53505	points	90 min
Tensile Strength:	DIN 53455	N/mm2	54 ± 5
Tensile Elongation:	DIN 53455	%	27 ± 3
Flexural Strength:	DIN 53452	N/mm2	90 ± 5
Bending Elongation	DIN 53452	%	12 ± 3
Modulus in flexure:	DIN 53457	°C	95 ± 5

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

ND – No data available

XII – Ecological Information

No ecological effects are known.

XIII – Disposal Considerations

Landfill in accordance with all applicable federal, state, and local regulations.
The possibility of recycling must be proofed under local regulations.

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 Chemo BGBl.Nr 53/1997 (sterreich)

XVI – Other Information

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.