

CLEAR COMPOSITE BRACKETS / EYELETS & BITE GUIDES

Revised: 05.17.2019

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SECTION 1: IDENTIFICATION

Product name: CLEAR COMPOSITE BRACKET / EYELETS / BITE GUIDES
Company: CDB Corporation
2304 Mercantile Dr., LELAND, NC 28451

Product Information: Tel.: (910) 383 – 6464 / Fax.: (910) 383-6465
Tel.: (910) 383 – 6464 / CDB Corporation
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Authorized Representative for European Community: Advena Ltd.; Tower Business Center
2nd Flr, Tower Street, Swatar, BKR 4013 MALTA

SECTION 2: HAZARD(S) IDENTIFICATION

Not hazardous.

CDB Clear Composite Brackets, Eyelets and Bite Guides are not generally considered hazardous in the form they are shipped. Further grinding or cutting or any other procedure that causes a release of dust, hazardous levels of dust may be generated.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Family: Polyurethane

<i>Hazardous Components:</i>	<u>Ingredient</u>	<u>Wt. Percent</u>	<u>CAS Number</u>
	Methylenediphenyl diisocyanate (MDI)	0.2-0.5 %	101-68-8
	1,1'-Methylenebis(isocyanatobenzene) [(MDI) - 2,2,2,4-Methylene-diphenyl diisocyanate (MDI)	5-15 %	26447-40-5

SECTION 4: FIRST-AID MEASURES

None.

SECTION 5: FIRE-FIGHTING MEASURES

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

SECTION 6: ACCIDENTAL RELEASE MEASURE

Sweep up to avoid slipping hazards.

Environmental precautions: None. Dispose in accordance with local regulations.

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SECTION 7: HANDLING AND STORAGE

Storage: Store in a cool dry place.
Avoid contact to strong acids and oxidizing agents
Avoid temperature >140°C because product contains burnable polymer.

Handling: Avoid contact to strong acids and oxidizing agents.
Eye Protection required when cutting, or grinding.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory-Protection: Not required.

Skin-Protection: None.

Eye-Protection: Required only when cutting or grinding.

SECTION 9: 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	78 min
Tensile Strength:	DIN 53455	N/mm ²	54 ± 5
Tensile elongation:	DIN 53455	%	27 ± 3
Flexural strength:	DIN 53452	N/mm ²	90 ± 5
Bending elongation:	DIN 53452	%	12 ± 3
Modulus in flexure:	DIN 53457	°C	95 ± 5

SECTION 10: STABILITY AND REACTIVITY

Conditions to avoid: Extreme temperatures for a long period of time.

Incompatibility (materials to avoid): Contact to strong acids and oxidizing agents.

Hazard Polymerization: None.

SECTION 11: TOXICOLOGICAL INFORMATION

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

SECTION 12: ECOLOGICAL INFORMATION

No ecological effects are known.

SECTION 13: 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: 51305 (Austria).

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SECTION 14: TRANSPORT INFORMATION

Not dangerous according to current transportation regulations.

SECTION 15: REGULATORY INFORMATION

Identification according to EC-Directive:

No obligatory indication. No obligatory identification according to the ChemG BGBI.Nr. 53/1997(Österreich)

SECTION 16: OTHER INFORMATION

NFPA Hazard Classification Health: 0 Flammability: 0 Instability: 0 Special Hazards: None

The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof. The manufacturer assumes no responsibility for personal injury or property damage to vendees, users or third parties caused by the material. Such vendees or users assume all risks associated with the use of the material.

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