

**CLEAR COMPOSITE BRACKETS / EYELETS & BITE GUIDES**

Revised: 05.15.2015

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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  
*Emergency Phone:* Tel.: (910) 383 – 6464 / CDB Corporation  
  
*Authorized Representative for European Community:* Advena Ltd.; Pure Offices  
 Plato Close, Warwick CV34 6WE, UK.  
 Tel.: +44 (0) 1926 800153

**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**

<i>Chemical Family:</i>	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**

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*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.

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**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

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*Respiratory-Protection:* Not required.  
*Skin-Protection:* None.  
*Eye-Protection:* Required only when cutting or grinding.

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**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

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*Appearance:* Solid plastic  
*Color:* Clear transparent  
*Odor:* Odorless  
*Solubility in Water:* Insoluble  
*Melting Point:* Not known  
*Boiling Point:* Not known  
*Flash Point:* > 100 °C

<i>Shore D-hardness:</i>	DIN 53505	points	78 min
<i>Tensile Strength:</i>	DIN 53455	N/mm <sup>2</sup>	54 ± 5
<i>Tensile elongation:</i>	DIN 53455	%	27 ± 3
<i>Flexural strength:</i>	DIN 53452	N/mm <sup>2</sup>	90 ± 5
<i>Bending elongation:</i>	DIN 53452	%	12 ± 3
<i>Modulus in flexure:</i>	DIN 53457	°C	95 ± 5

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**SECTION 10: STABILITY AND REACTIVITY**

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*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.

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**SECTION 11: TOXICOLOGICAL INFORMATION**

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

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**SECTION 12: ECOLOGICAL INFORMATION**

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No ecological effects are known.

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**SECTION 13: DISPOSAL CONSIDERATIONS**

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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**

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Not dangerous according to current transportation regulations.

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**SECTION 15: REGULATORY INFORMATION**

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*Identification according to EC-Directive:*

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

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**SECTION 16: OTHER INFORMATION**

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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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