



U.S. Department of Labor

Occupational Safety and Health Administration
(Non-Mandatory Form). Format meets ANSI Z400.1-1998, OSHA 1910.1200 and WHMIS requirements.

Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200.

Section 1: Product and Company Identification

Product Name:	CR39 RESIN COVER PLATE
End Uses:	INNER PROTECTIVE PLATE FOR WELDING HELMET
AWS Classification:	AGL2CR39, AGL4CR39
Manufacturer:	TECHNIWELD USA
Physical Address:	6205 BOAT ROCK BLVD ATLANTA, GA 30336
Mailing Address:	P.O. Box 44226 ATLANTA, GA 30336
Business Phone:	404-699-9900
Business Fax:	404-699-7800
E-mail Address:	info@TECHNIWELDUSA.COM
Web Address:	www.TECHNIWELDUSA.COM
Emergency Phone:	CHEMTREC (24-Hour) 1-800-424-9300 Outside of the USA & Canada 1-703-527-3887
Date of Preparation:	January 25, 2012
OSHA Regulatory Status:	Non-Regulated
WHMIS Classification:	Not a Controlled Product

Section 2: Hazards Identification

Danger symbols: no obligation to label
Special danger indications for human and environment: none
R-phrase: none

Section 3: Composition and Information on Ingredients

The CR-39 resin protection lens is take the methyl methacrylate and the methylacrylic acid as the main raw material, then through some procedures became the resin lens;

Diethylene glycol-bis-allyl carbonate: 70%

Methyl methacrylate: 28%

Others: 2%

Section 4: First Aid Measures

After inhalation: not applicable
After skin contact: not applicable
After eye contact: not applicable
After swallowing: not applicable

Section 5: Fire Fighting Measures

Useful extinguishing agent: Not flammable

Special danger: None

Special fire-protections: None

Other information: None

Section 6: Accidental Release Measures

Protections for persons, cleaning, and environment: Not applicable

Section 7: Handling and Storage

Handling: Install with care in order to avoid rubbing and scratching the product. If not, it will affect the superficial cleanness. This product must be used coordinating with the welding glass. It will cause the electric light ophthalmia and the vitreous body using the product alone when do the electric welding works.

Storage: The products should be kept in a place that is cool, light-avoiding, drying and moisture-proof.

Section 8: Exposure Controls / Personal Protection

Inhalation protection: not needed

Eye protection: protection goggles versus splinters

Skin-protection: not needed

Section 9: Physical and Chemical Properties

Consistency: hard

Color: transparent

Smell: none

The resistance heat environment of the product is 100° C. The product will be heated and distorted if it surpasses this temperature

Flame-point: not applicable

Inflammable point: not applicable

Explosion: not applicable

Density of liquid: not applicable

Soluble in water: not applicable

Ph-value: not applicable

Transmittance > 89%

Heatproof quality $\geq 105^{\circ}$ C

Ultraviolet ray transmissibility 0%

Anti-compressive strength: 22.5 (103psi)

Section 10: Stability and Reactivity

Avoiding conditions: not applicable

Avoiding products: not applicable

Any decompositions: not applicable

Section 11: Toxicological Information

Not applicable

Section 12: Ecological Information

Not applicable

Section 13: Disposal Considerations

CR39 Resin Cover Plate and related Packing materials can be disposed according with local rules

Section 14: Transportation Information

Road haulage ADR/RID &1d GGVS/GGVE: no dangerous good

Inland water transports AND/ADNR: no dangerous good

Air transport JCAO-TJ and IATA-DGR: transport rules according to international rule, in Germany to be handled according to GGVS/GGVE.

Section 15: Regulatory Information

Markings according Common Market Rule for dangerous good: not needed

R- and S- rules: not applicable

Water-pollution: none impacts

Storage conditions: not applicable

Others: the regulation and information refer to actual known standards. There are no guaranteed characteristics. The processing company must ensure itself to local standards and to follow them. In case of updated changed processing it might be, that now unknown changed characteristics can appear. The processing company must take care itself on regulations.

Section 16: Certificates

QB2506-2001 (PRC)

DIN CERTCO Company Germany