

**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:	WELDING PROTECTIVE GLASS
End Uses:	INNER PROTECTIVE PLATE FOR WELDING HELMET
AWS Classification:	AGL2CG, AGL2GGH09-12, AGL2GH08-12, AGL2H03-14, AGL2H5, AGL2H9, AGL4CG, AGL4GGH09-12, AGL4GH08-12, AGL4H05-14, AGL50CG, AGL50H04-6
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-phrases: none

Section 3: Composition and Information on Ingredients

Chemical characteristic

Glass is produced in kind of disks and sold. Under normal environment conditions it is chemically inert. Glass is mainly produced by natural raw-materials as quartz-sand, Soda, dolomite, feldspar, natriumsulphate, sodium chlorite, ferrit-oxydes and graphite

The glass is imbued. The color -components are Fe₂O₃ - colors and the so-called carbon-yellow-dyeing. The Golden mirror glass has TiO₂ alloy coated.

The glass is fully lead-free (Pb), has no Cadmium (Cd) and cadmium-containing components, no mercury (Hg) or mercury-containing components, free of Bromine (Br), no chlorinated hydrocarbon (CHC), Dibutylphtalete, Nonylphenoletoxylate, Octylphenoletoxylate or tin-organic compositions.

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: as to float-glass - attention on sharp edgings if no edging processing

Storage: as to float-glass dry and under roof

Section 8: Exposure Controls / Personal Protection

Inhalation protection: not needed

Eye protection: protection goggles versus splinters

Good gloves to be protected versus injuring on glass-cutting

Skin-protection: not needed

Section 9: Physical and Chemical Properties

Consistency: hard

Color: black, dark green, Golden

Smell: none

Change of consistency: Melding temperature not applicable. Boiling temperature not applicable.

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

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

Welding protective glasses can be used as building waste or to be disposed as general waste
Packaging materials can be disposed according to 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 ICAO-TI 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

GB/T3609, I-94, Certificate No. XK20-30I-00324 (PRC)

DIN CERTCO Company Germany