

Welding Safety

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BURNS & FIRE HAZARDS

Caused by..

- Hot Metal
- Molten Slag
 - Can cause severe burns
- Sparks
 - Sparks can easily ignite flammable materials nearby
 - Risk of explosions if welding near gases or fuel

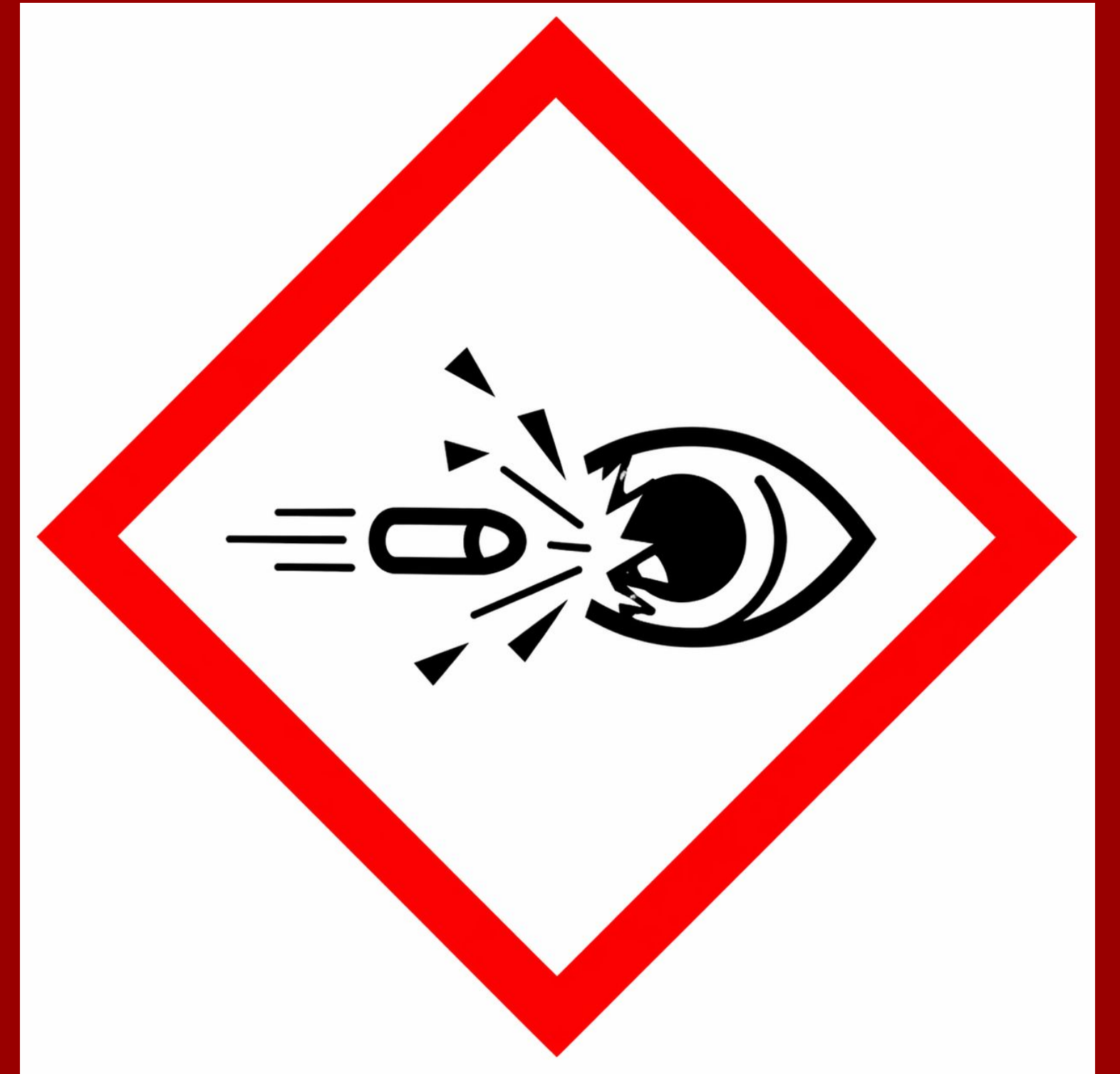
THE HAZARDS



Fumes & Gases

Caused by..

- Toxic Fumes
 - Can cause dizziness, nausea, or long-term lung damage
 - Some gases can displace oxygen and cause suffocation



Eye Damage

Caused by..

- Not wearing proper eye protection
 - Sparks, Metal Fragments, and slag may hit your face.
- “Arc Eye”
 - Bright UV light from welding arcs can burn your eyes
 - Can cause burns, vision loss, and pain.

Proper PPE:

- Flame-resistant welding helmet
 - with proper shade lens
 - long hair needs pulled back or wear a welding cap
- Fire-proof gloves
- Flame-resistant jacket
 - Fully zipped/buttoned
- Safety glasses
- Leather boots