



PROTECH
Medical

PROTECH LEADED EYEWEAR INC,
DBA PROTECH MEDICAL

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RADIOGRAPHIC PROTECTION GLOVES: SAFETY DATA SHEET

1. IDENTIFICATION OF PRODUCT & COMPANY

PRODUCT NAME

Radiographic Protection Gloves: Proguard "RR," Proguard "Classic," Proguard "Eco," Proguard "Elite"

MAIN USE

They are designed to provide protection against unnecessary exposure to scattered radiation during radiological procedures.

MANUFACTURED FOR:

Protech Leaded Eyewear, Inc DBA: Protech Medical
1360 N. Killian Drive, Unit 2
Lake Park, FL 33403
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2. COMPOSITION / INFORMATION ON INGREDIENTS

MATERIAL

- **Proguard "RR":** Dry Natural Rubber (DNR)
- **Proguard "Classic":** Natural Rubber Latex (NRL)
- **Proguard "Eco":** Natural Rubber Latex (NRL)
- **Proguard "Elite":** Polyisoprene

CHEMICALS

- **Proguard "RR":**
 - Zinc Diethyl Dithiocarbamate (ZDEC) - Accelerator
 - Sulphur (S) - Vulcanizing agent
 - Zinc Oxide (ZnO) - Antioxidant
 - Lead Oxide (PbO) - Attenuating Agent
- **Proguard "Classic":**
 - Zinc Diethyl Dithiocarbamate (ZDEC) - Accelerator
 - Sulphur (S) - Vulcanizing agent
 - Zinc Oxide (ZnO) - Antioxidant
 - Lead Oxide (PbO) - Attenuating Agent
- **Proguard "Eco":**
 - Zinc Diethyl Dithiocarbamate (ZDEC) - Accelerator
 - Sulphur (S) - Vulcanizing agent
 - Zinc Oxide (ZnO) - Antioxidant
 - Bismuth Oxide (Bi2O3) - Attenuating Agent
- **Proguard "Elite":**
 - Zinc Diethyl Dithiocarbamate (ZDEC) - Accelerator
 - Sulphur (S) - Vulcanizing agent
 - Zinc Oxide (ZnO) - Antioxidant
 - Bismuth Oxide (Bi2O3) - Attenuating Agent

RADIOGRAPHIC PROTECTION GLOVES: INSTRUCTIONS FOR USE (CONT.)

3. HAZARDOUS IDENTIFICATION

No significant hazard exists for product as is under normal conditions of handling and use. After use, gloves may become hazardous due to contamination; appropriate precautions should be taken based on contaminant. Toxic smoke and fumes may be generated from burning of gloves under fire conditions or incomplete combustion.

POTENTIAL HEALTH EFFECTS

Acute Effects of Overexposure:

- **Inhalation:** Not applicable
- **Ingestion:** None known
- **Skin Contact:** May cause irritation to sensitized individuals
- **Skin absorption:** Not applicable
- **Eye Contact:** If glove comes into contact with eye, might cause slight irritation

Note: After use, glove may be contaminated. Hazards associated with contamination should be addressed on an individual basis, with appropriate precautions taken to prevent exposure to the contaminants.

Chronic Effects of Overexposure: None known

Carcinogenicity: None known

4. FIRST AID MEASURES

- **Inhalation:** Not applicable
- **Ingestion:** Not applicable
- **Skin Contact:** Wash with soap and water
- **Skin absorption:** Not applicable
- **Eye Contact:** Flush with water. If irritation persists, seek medical attention

5. FIRE FIGHTING MEASURES

- **Stability:** Stable
- **Flash point:** Not applicable (solid)
- **Incompatible Material:** None
- **Extinguishing Media:** Foam, Carbon Dioxide or Water
- **Flammability:** Non-flammable

6. HANDLING AND STORAGE

HANDLING

No special precautions necessary. Ventilation is not necessary under normal condition. Avoid contact of glove with eyes. Wash hands thoroughly after use.

STORAGE

Keep away from sunlight and heat and ignition sources. Store at room temperature, between 10°C to 40°C.

7. CONTROL MEASURES

- **Engineering Controls:** Not required for exposures to product
- **Respiratory Protection:** Not required for exposures to product
- **Protective Gloves:** Not applicable
- **Eye Protection:** Selection and usage of safety glasses should be consistent with the hazard assessment of the use area.
- **Other Protective Clothing or Equipment:** Not required for exposures to product

RADIOGRAPHIC PROTECTION GLOVES: INSTRUCTIONS FOR USE (CONT.)

8. PHYSICAL PROPERTIES

PROGUARD "RR"

- **Beading:** Non-Beaded
- **Colour:** Blackish Gray
- **Finishing:** Textured
- **Powder Coating:** NIL
- **Boiling Point:** Not Applicable
- **Vapour Pressure (mm Hg):** Not Applicable

- **Vapour Density (air=1):** Not Applicable
- **Specific Gravity (water=1):** Not Applicable
- **Solubility in Water:** Insoluble
- **% Volatile by Volume:** Not Applicable
- **Evaporation Rate:** Not Applicable
- **Viscosity:** Not Applicable

PROGUARD "CLASSIC"

- **Beading:** Non-Beaded
- **Colour:** Orange
- **Finishing:** Textured
- **Powder Coating:** NIL
- **Boiling Point:** Not Applicable
- **Vapour Pressure (mm Hg):** Not Applicable

- **Vapour Density (air=1):** Not Applicable
- **Specific Gravity (water=1):** Not Applicable
- **Solubility in Water:** Insoluble
- **% Volatile by Volume:** Not Applicable
- **Evaporation Rate:** Not Applicable
- **Viscosity:** Not Applicable

PROGUARD "ECO"

- **Beading:** Non-Beaded
- **Colour:** Khaki
- **Finishing:** Textured
- **Powder Coating:** NIL
- **Boiling Point:** Not Applicable
- **Vapour Pressure (mm Hg):** Not Applicable

- **Vapour Density (air=1):** Not Applicable
- **Specific Gravity (water=1):** Not Applicable
- **Solubility in Water:** Insoluble
- **% Volatile by Volume:** Not Applicable
- **Evaporation Rate:** Not Applicable
- **Viscosity:** Not Applicable

PROGUARD "ELITE"

- **Beading:** Non-Beaded
- **Colour:** Blackish Gray
- **Finishing:** Textured
- **Powder Coating:** NIL
- **Boiling Point:** Not Applicable
- **Vapour Pressure (mm Hg):** Not Applicable

- **Vapour Density (air=1):** Not Applicable
- **Specific Gravity (water=1):** Not Applicable
- **Solubility in Water:** Insoluble
- **% Volatile by Volume:** Not Applicable
- **Evaporation Rate:** Not Applicable
- **Viscosity:** Not Applicable

9. DISPOSAL

Dispose of the glove through a hazardous waste company, according to local, state and federal regulations. According to the EPA, the lead contained in X-ray lead gloves may be exempt from hazardous waste regulations if they are recycled.

10. PROP65: WARNING FOR PROGUARD "RR"

This product can expose you to chemicals including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. Please go to <https://www.p65warnings.ca.gov/> for more information.