

## DECLARATION OF COMPLIANCE

Hereby, CHEMICA declares that the 495 SILVER FLAME RETARDANT REFLEX is compliant to the applicable regulations in conformity with the following standard:

- **EN ISO 20471:2013+A1:2016 – High visibility clothing.**

*For the following requirements:*

- 6.1 Retroreflective performance requirements of new material.
- 6.2 Retroreflective performance requirements after test exposure:
  - Abrasion.
  - Flexing.
  - Folding at low temperatures.
  - Exposure to temperature variations.
  - Influence of rainfall.
  - Washing: 60 cycles at 60°C – flat dry.
  - Dry cleaning: 65 cycles.
  - Industrial washing ISO 15797 procedure: 50 cycles at 75°C : 8 drying procedure : A tumble drying 80°C.

- **EN ISO 14116:2015 – Clothing to protect against heat and flame. Limited spread materials, material assemblies and clothing.**

*For the following requirements:*

- 6.1 Limited flame spread – Procedure A – Surface ignition index 3 before and after:
  - Washing: 60 cycles at 60°C – flat dry.
  - Industrial washing ISO 15797 procedure: 50 cycles at 75°C : 8 drying procedure : A tumble drying 80°C.

- **EN ISO 11612:2015 – Clothing to protect against heat and flame.**

*For the following requirements:*

- 6.2.1 Heat resistance at a temperature of 180°C after:
  - Washing: 60 cycles at 60°C – flat dry.
  - Industrial washing ISO 15797 procedure: 50 cycles at 75°C : 8 drying procedure : A tumble drying 80°C.
- 6.3 Limited flame spread – Procedure A – Surface ignition level A1 before and after:

- Washing: 60 cycles at 60°C – flat dry.
- Industrial washing ISO 15797 procedure: 50 cycles at 75°C : 8 drying procedure : A tumble drying 80°C.

- **EN 15614:2007 – Protective clothing for firefighters – Laboratory test methods and performance requirements for wildland clothing.**

*For the following requirements:*

6.2.2 Limited flame spread – Procedure A – Surface ignition level A1 before and after:

- Washing: 60 cycles at 60°C – flat dry.
- Industrial washing ISO 15797 procedure: 50 cycles at 75°C : 8 drying procedure : A tumble drying 80°C.

6.2.1 Heat resistance at a temperature of 180°C after:

- Washing: 60 cycles at 60°C – flat dry.
- Industrial washing ISO 15797 procedure: 50 cycles at 75°C : 8 drying procedure : A tumble drying 80°C.

9.2 Retroreflective and/or fluorescent performance.

- **EN 469:2005+A1:2006 – Protection clothing for firefighting.**

*For the following requirements:*

- B.3.1 Resistance to heat (180°C).
- B.3.2 Limited flame spread.

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