



Iron Fireman SA (Pty) Limited

PRES-SEAL



What is *PRES-SEAL*?

An extruded sealer in bead form on paper tape developed for fast, economical high temperature sealing of boiler doors and access openings. In coal fired plants, *Pres-Seal* is also used to seal coal pipe leaks, cyclone doors, pulverizer doors...anywhere there are leaks of coal dust or heat. Extruded to size *PRES-SEAL* has excellent adhesion and is quick and easy to apply.

To apply *PRES-SEAL* ...

Simply apply by hand or putty knife to clean, steel surfaces. On boiler casings or doors which are warped or distorted apply more than one bead if necessary to seal gases. Only normal sanitary handling precautions are required.

***Temperature resistant* ... will not melt or run at temperatures to 500°F (260°C)**

Other *PRES-SEAL* advantages include...

- excellent resistance to water and water vapour
- non-corrosive to metals
- non-oxidizing
- long shelf life
- will not shrink on aging
- non-toxic – non-injurious to skin

***PRES-SEAL* is available as 216 linear feet of ½" bead per carton**

MATERIAL SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identification

Product Name: MP2155
Product Number: MP2155
CAS Number: Blend

Company Identification

MultiSeal, Inc.
4320 Hitch and Peters Road.
Evansville, IN 47711 USA
1-812-428-3422 (For product information)

2. COMPOSITION/INFORMATION ON INGREDIENTS

100.0% MP2155

CONTAINING:

HAZARDOUS AND/OR REGULATED COMPONENTS

<u>Chemical Name</u>	<u>Amount</u>	<u>CAS Number</u>
QUARTZ (SIO ₂)	< 0.5 %	14808-60-7

NON-HAZARDOUS COMPONENTS

<u>Chemical Name</u>	<u>Amount</u>	<u>CAS Number</u>
AMORPHOUS SILICA	2.4 %	7631-86-9

(See Section 8 for exposure guidelines)

(See Section 15 for regulatory information)

3. HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS

EYE:

Contact may cause eye irritation.

(section 3 continued)

SKIN:

May cause skin irritation. Prolonged or repeated contact may irritate the skin and cause a skin rash (dermatitis).

INHALATION:

Not expected to be a problem under normal use. Irritating vapors may be formed when product is processed at high temperatures.

INGESTION:

Ingestion is not considered a potential route of exposure.

MISCELLANEOUS:

Poses little or no immediate hazard.

4. FIRST AID MEASURES

EYE CONTACT FIRST AID:

Hold eyelids apart and flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation develops or persists.

SKIN CONTACT FIRST AID:

Wash with soap and water. Get medical attention if irritation develops and persists.

INHALATION FIRST AID:

No specific treatment is necessary since this material is not likely to be hazardous by inhalation.

INGESTION FIRST AID:

Ingestion is not considered a potential route of exposure.

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES

COC Flash Point: > 204.4 C (> 399.9 F)
Autoignition Temperature: N/A

FLAMMABLE LIMITS IN AIR

LEL: N/A
UEL: N/A

EXTINGUISHING MEDIA:

Water, carbon dioxide, foam or dry powder.

(section 5 continued)

FIRE & EXPLOSION HAZARDS:

No known unusual hazards in a fire/explosion situation.

FIRE FIGHTING INSTRUCTIONS:

Water runoff can cause environmental damage. Contaminated extinguishing water must be disposed of in accordance with applicable regulations. As in any fire, wear self-contained breathing apparatus pressure-demand MSHA/NIOSH (approved or equivalent) and full protective gear.

COMBUSTION PRODUCTS:

CO, CO₂, N₂, NO, and other possible combustion products associated with the burning of Polymer and Petroleum By-products. The combustion products from Polymer and Petroleum By-products, like those from most materials, Must be considered Toxic.

6. ACCIDENTAL RELEASE MEASURES

SAFEGUARDS (PERSONNEL):

Wear appropriate personal protective equipment.

INITIAL CONTAINMENT:

Take up and place in secure closed containers. Reuse product if possible. Treat or dispose of waste material in accordance with all local, state/provincial, and national requirements.

LARGE SPILLS PROCEDURE:

Take up and place in secure closed containers. Reuse product if possible. Treat or dispose of waste material in accordance with all local, state/provincial, and national requirements.

SMALL SPILLS PROCEDURE:

Take up and place in secure closed containers. Reuse product if possible. Treat or dispose of waste material in accordance with all local, state/provincial, and national requirements.

7. HANDLING AND STORAGE

RECOMMENDED STORAGE TEMPERATURE

Minimum: 15.6 C (60.1 F)
Maximum: 32.2 C (90.0 F)

SHELF LIFE: (in original, sealed containers)

1 year @ 15.6 C
1 year @ 32.2 C

(section 7 continued)

HANDLING (PERSONNEL):

Use care in handling/storage. Avoid contact with eyes, skin, and clothing.

HANDLING (PHYSICAL ASPECTS):

Do not store at temperatures above 37°C.

STORAGE PRECAUTIONS:

Store in a well ventilated place. Keep container closed when not in use. Avoid extreme temperatures.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS:

No special ventilation requirements.

EYE / FACE PROTECTION REQUIREMENTS:

Where contact with this material is likely, eye protection is recommended. This material does not have established exposure limits.

SKIN PROTECTION REQUIREMENTS:

Wear protective gloves to minimize skin contamination. For brief contact, normal work attire should be sufficient. Wash hands thoroughly after handling.

RESPIRATORY PROTECTION REQUIREMENTS:

Under normal use conditions, with adequate ventilation, no special handling equipment is required.

EXPOSURE GUIDELINES:

No Information Available.

9. PHYSICAL AND CHEMICAL PROPERTIES

FORM: Solid
COLOR: Grey
ODOR: Low Odor
SOLUBILITY IN WATER ...: Nil
SPECIFIC GRAVITY: 1.7 (Water = 1)

10. STABILITY AND REACTIVITY

STABILITY:

Stable.

(section 10 continued)

POLYMERIZATION:

Hazardous polymerization will not occur.

DECOMPOSITION:

Decomposition may produce fumes, smoke, oxides of carbon and hydrocarbons.

11. TOXICOLOGICAL INFORMATION

No information available.

12. ECOLOGICAL INFORMATION

No information available.

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL:

Treat or dispose of waste material in accordance with all local, state/provincial, and national requirements.

14. TRANSPORTATION INFORMATION

PRODUCT LABEL ...: MP2155

15. REGULATORY INFORMATION

WHMIS Hazard Symbols:

None

Canadian Disclosure List

AMORPHOUS SILICA (7631-86-9)

16. OTHER INFORMATION

APPROVAL DATE: May 14, 2002

SUPERCEDES DATE ...: New

MSDS NUMBER: 00011

(section 16 continued)

ADDITIONAL INFORMATION:

The data in this Material Safety Data Sheet relates only to the specific material designated herein.

This Material Safety Data Sheet is offered solely for your information. This information is compiled from supplier-issued MSDSs and is considered to be reliable, and is accurate to the best of our knowledge, but is not guaranteed to be so, and we make no warranties, expressed or implied.

END OF MSDS
