



## MATERIAL SAFETY DATA SHEET

### FIREBLOCK AGRI

#### MATERIAL IDENTIFICATION

<b>Product Name:</b>	FIREBLOCK AGRI
<b>Product Use:</b>	Burning of Firebreaks Fighting of CLASS A Fires and Wildfires Protecting of Property against the risk of fires Stops embers from reigniting Protects Hay Bales from self-igniting
<b>Chemical Family:</b>	Acrylate Polymer Sodium Salt (SAP)

#### INGREDIENTS

Potassium Polyacrylate(C<sub>3</sub>H<sub>3</sub>KO<sub>2</sub>)<sub>n</sub>  
Silicon Dioxide (SiO<sub>2</sub>)  
Aluminium Oxide (Al<sub>2</sub>O<sub>3</sub>)  
Iron Oxide (Fe<sub>2</sub>O<sub>3</sub>)  
Magnesium Oxide (MgO)  
Calcium Oxide (CaO)  
Potassium Oxide (K<sub>2</sub>O)  
Titanium Dioxide (TiO<sub>2</sub>)  
Lithium Oxide (Li<sub>2</sub>O)

#### HAZARDOUS IDENTIFICATION AND CAUTIONS

Not classified as hazardous to human health or the environment.

<b>General Advice:</b>	Remove soaked clothing
<b>Inhalation:</b>	Wear a mask if working with large scale quantities, as well as for dust/smoke inhalation.
<b>Eye Contact:</b>	May cause watering and redness.
<b>Skin Contact:</b>	May cause irritation on prolonged contact.
<b>Ingestion:</b>	May cause nausea and vomiting.

#### FIRST AID MEASURES

<b>Inhalation:</b>	Remove individual to fresh air.
<b>Eye Contact:</b>	Flush with copious amounts water for at least 15 minutes. Eye lids may become sticky.
<b>Skin Contact:</b>	Wash affected area with soap and water. May cause dry skin. Repeated contact may also cause slight irritation. If irritation persists seek medical attention.
<b>Ingestion:</b>	If swallowed drink large amounts of water. Seek medical attention if significant quantities have been ingested.

#### FIREFIGHTING MEASURES

<b>Explosion Data:</b>	Not explosive
<b>Flammability:</b>	Not Flammable or combustible
<b>Special Procedures:</b>	None
<b>Flash-point:</b>	Non Flammable
<b>Auto Ignition:</b>	Not applicable

#### ACCIDENTAL RELEASE MEASURES

<b>Steps to be taken if Material is spilled or released:</b>	Sweep up or flush with water or diluted salt solution
--	---

CAUTION: the surface becomes very slippery when wet.

#### HANDLING AND STORAGE

<b>Handling:</b>	Safe to handle. Material is very slippery. Avoid repeated contact to skin.
<b>Storage:</b>	Store in a cool, dry place. Keep container closed when not in use. Keep out of reach of children.

## EXPOSURE CONTROL / PERSONAL PROTECTION

**Personal Precautions:** Wear rubber gloves when handling for prolonged periods. Avoid contact with eyes, nose and mouth.

## PHYSICAL AND CHEMICAL PROPERTIES

**Physical State:** Powder  
**Appearance:** Beige Colour  
**Odour:** Odourless  
**Vapour Pressure:** Not available  
**Evaporation rate:** Not available  
**Melting point (°C):**  
**Boiling point (°C):** n/a  
**Freezing point (°C):** n/a  
**% Volatile (by weight):**  
**pH:** 6.5-8.5  
**Specific Gravity:**  
**Bulk Density:**  
**Flash Point:** Non-flammable product

## STABILITY AND REACTIVITY

Stable in normal use conditions.  
 Do not mix with any other chemicals products.

## TOXICOLOGICAL INFORMATION

Refer to Hazard identification and caution section.

## ECOLOGICAL INFORMATION

Low impact on the environment.  
 Non Toxic  
 Biodegradable

## DISPOSAL CONSIDERATIONS

Can be disposed as a non-toxic and inactive material.  
 Collect spillage with a shovel and broom, or similar and can be reused.  
 Dissolving with salt and to be washed into a sandy area.  
 Do not discharge into drains or watercourses as there is a risk of blockage.

## TRANSPORT INFORMATION

### Transport Required:

Land Transport: USDOT – Non-hazardous product  
 Not Regulated  
 Marine Transport: IMDG – Non-hazardous product  
 Not Regulated  
 Air Transport: IATA – Non-hazardous product  
 Not Regulated

## REGULATORY INFORMATION

Not classified  
 Keep out of reach of children  
 Wear suitable gloves and eye protection

## OTHER INFORMATION

The information contained in the Material Safety Data Sheet relates only to the specific material designated and does not constitute and accrument of workplace risks.

It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use and staff should be trained to handle the products and be aware of the related dangers.

The information and recommendation contained above are based on data and measures believed to be accurate and correct.

FIREBLOCK does not assume any liability whatsoever for the accuracy or completeness of the information contained herein.

Dated 09 April 2021



Signature:  
 Louis Koekemoer