

1. Product and Company Identification

Product Name: **ZAS Series Fire Barrier**
Manufacturer's Name: Prospec Specialties Inc.
Suite 400, 3601, Highway 7,
Markham ON, L3R 0M3, Canada
Emergency #: (888) 749-8456

2. Hazardous Identification

Hazardous Classification : This product is not classified as hazardous when used as intended.
Signal Word : None
Pictograms : None
Emergency Overview : No emergency requirements

3. Composition / Information on Ingredients

ZAS is composed of open-cell polyurethane foam impregnated with proprietary solid inorganic fire retardant bonded to a fully cured silicone sealant. It is classified as non-hazardous.

Note: Silicone facing is fully cured. The composition of the silicone in its liquid state is comprised of the following:

Chemical Name	CAS#	%by Weight	GHS Classification Hazard Statement
Polymethyl Siloxane Diol	70131-67-8 3	0.0-60.0	SELF CLASSIFICATION Classification: Not Applicable
Calcium Carbonate (Limestone)	1317-65-3		SELF CLASSIFICATION
Synthetic Calcium Carbonate	371-34-1	10.0-40.0	Classification: Not Applicable
Phenyl Oxyimino Silane	34036-80-1	1.0-5.0	Classification: STOT RE Cat. 2, skin Sensitization Cat. 1, Aquatic, Chronic Toxicity Cat. 3 Hazard Statement Codes: H373, H317, H412
Silicon Dioxide, Fumed	112945-52-5	1.0-5.0	SELF CLASSIFICATION Classification: Not Applicable
Mineral Spirits	8052-41-3	0.0-1.0	Classification: Carcinogenic Cat. 18, Mutagenic Cat. 18, Aspiration Hazard Cat. 1 Hazard Statement Codes: H350, H340, H304
Quartz	14808-60-7 14464-46-1	Trace	SELF CLASSIFICATION Classification: Carcinogenic Cat. 18 Hazard Statement Codes: H350

Water and other components:

Each of the other components is present in less than 1 percent concentration

Classification: Not Applicable

(0.1% concentration for potential carcinogens, reproductive toxins, respiratory tract sensitizers, and mutagens).

4. First Aid Measures

- 4.1 Eyes : Flush with water for at least 15 minutes, and call physician if problems persist.
- 4.2 Skin : Product may leave a sticky residue, and mild irritation if prolonged exposure. Scrub with soapy water until adhesive is removed.
- 4.3 Ingestion : Do not eat – call physician if ingested.

5. Fire-fighting Measures

- 5.1 Flammability : Slight. The material composition does not support combustion.
- 5.2 Flash Point : Unknown
- 5.3 Auto-ignition Temp. : Unknown
- 5.4 Extinguishing Media : Large volumes of water, or ABC chemical may be appropriate for initial control or small volumes of impregnated foam.
- 5.5 Decomposition : Carbon di/mon oxides will be formed as well as other noxious and toxic fumes upon combustion – do not breath combustion products.

6. Accidental Release Measures

If material is unusable pick up pieces and dispose in accordance with local regulations; material and all components are non-toxic and normal landfill will most often be acceptable.

7. Handling and Storage

Store in original packaging below 35°C. There are no special handling instructions.

8. Exposure Controls / Personal Protection

- 8.1 Respiratory protection : Not required
- 8.2 Eye Protection : Not required
- 8.3 Skin Protection : Gloves of any material are suitable if desired, but not required. No other protection is required.

9. Physical and Chemical Properties

- 9.1 Appearance : Dark grey colored foam and colored silicone with product identifying packaging.
- 9.2 Odor : Slight characteristic odor.
- 9.3 Percent Solids by Weight : 100%
- 9.4 Physical State : Solid

9.5 Percent Volatile	: <1% wt/wt
9.6 Density	: 0.4g/cm ³
9.7 Decomposition	: > 300°C
9.8 Solubility in water	: None

10. Stability and Reactivity

Stable under normal conditions – avoid temperatures in excess of 300°C, strong acids and bases, and open flame.

11. Toxicological information

Unknown

12. Ecological information

Unknown

13. Disposable Considerations

No known hazard. Dispose of in accordance with local regulations; material and all components are non-toxic and disposal in normal landfill will most often be acceptable.

14. Transportation Information

Not hazardous – safe for non-hazardous shipping.

15. Regulatory Information

Unknown

16. Other Information

No other information provided.