



INDUSTRIES 3R

SAFETY DATA SHEET

SECTION 1. IDENTIFICATION

IDENTITY:

Part Number:

TXP2006Z

Identity:

Neoprene Fire Retardant Coated

Description:

Neoprene Fire Retardant Fiberglass Cloth

SUPPLIER :

Industries 3R Inc.

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SECTION 2. HAZARDS IDENTIFICATION

These products are classified as low hazard

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

The products covered by this data sheet are based on air textured continuous filament fibres made from borosilicate E Glass (CAS-65997-17-3). The filament diameters are uniform and are well above the maximum size considered to be respirable (approx. 3 micron). They will not sub-divide into fibrils of smaller diameter. The fibres contain small amounts of complex organic surface dressings (e.g. starch based and PVA compounds). The GKP range of fabrics are treated with the Weldstop™ (aluminium salt) and finished with an organic softening agent to produce the required performance characteristics - GKPF. GKPF has an olive green rubber skim on both sides; this rubber coating contains small quantities of compounding agent and pigments to give the product the required performance characteristics and colour. GKFL has been skimmed on one side with a natural rubber latex compound

SECTION 4. FIRST AID MEASURES

Inhalation

In the unlikely event of excessive inhalation of dust, (or fumes from a sustained fire situation), remove the individual to the fresh air. Obtain medical advice.

Skin Irritation

In the unlikely event of skin irritation wash affected part with mild soap and water. If irritation persists obtain medical advice.

Eye Irritation

Irrigate eyes if affected by entry of dust. Obtain medical advice if irritation persists.

SECTION 5. FIRE FIGHTING MEASURES

Flammability

The materials will not support combustion.

Special Firefighting Procedures

In a sustained fire the products will degrade and the surface dressings and finishes will give rise to irritant fumes and smoke. Appropriate forms of self-contained breathing apparatus should therefore be worn in such situations.

Extinguishing Media

Use that appropriate to the surrounding fire.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Fabric that is fire damaged or made friable should be handled with the use of personal protective equipment.

SECTION 7. HANDLING AND STORAGE

In view of the encapsulating nature of the rubber, it is highly unlikely that these products will give rise to significant amounts of dust during normal handling and dust control measures will rarely be required in circumstances involving the fabrication of products from these materials. However, in accordance with good working practices the production of debris should be minimised and the accumulation of dust should be removed by dust-less methods. No special storage conditions are required on health grounds.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Workplace exposure to mineral fibre dust of non-respirable size should be kept to the minimum that is reasonably practicable and should not exceed a Workplace Exposure Limit of 5mg/m³ and 2 fibres /millilitre (8 hour TWA) (Ref. 1).

Only if the materials are being handled extremely vigorously or subjected to harsh abrasion are dust levels likely to rise above the exposure limit given above. In such circumstances the provision of local exhaust ventilation should be considered, or if this is not practicable, dust masks should be worn approved for use against irritant dust. These should be worn in accordance with manufacturer's instructions.

To reduce the chance of skin irritation when handling glass fibre based materials, overalls of a close weave material should be worn. Gloves, arm cuffs or barrier creams may also be advantageous in some circumstances. However, emphasis should be placed on personal hygiene and hands and arms should be rinsed copiously under running water before washing.

Where there is a possibility of glass fibre entering the eye, suitable eye protection should be worn.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Weights	See appropriate Product Data Sheets.
Appearance	See appropriate Product Data Sheets
Odour	The products have no discernible odour.
Solubility in Water	Insoluble
Boiling Point	Not applicable
Vapour Pressure	Not applicable
Percent Volatile (vol.)	Not applicable
Evaporation rate	Not applicable

SECTION 10. STABILITY AND REACTIVITY

The products are stable when used for the intended industrial applications.

SECTION 11. TOXICOLOGICAL INFORMATION

Primary Routes of Potential Exposure

Inhalation, skin and eye contact.

Effects of Over-exposure (Acute and Chronic)

Inhalation (Dust)

In view of the encapsulating nature of the rubber coating applied to the base fabrics, it is most unlikely that glass dust will be produced as a result of product usage. Glass dust from the materials referred to in this Data Sheet is not regarded as respirable in view of the large diameter of the continuous filaments used and the levels of dust likely to arise from most operations involving the handling and use of the materials will be negligible. Only if the products are subjected to harsh mechanical abrasion are levels of dust likely to arise that could be irritating to the upper respiratory tract. Such effects are usually transitory leaving no permanent damage. Contact with molten metal or flame may give rise to localised emission of fume.

Skin Irritation

Some people who come into contact with glass fibre experience reddening and itching of the skin. Those who are subject to this effect are most likely to experience it when handling the materials for the first time or after a period of no contact as hardening of the skin usually occurs. People with a history of skin complaints may be particularly susceptible and, in general, should not come into contact with glass fibre. The rubber coating is not likely to give rise to skin problems.

Eye Irritation

Entry of glass fibre into the eye will cause foreign body irritation.

Carcinogenicity

Continuous glass filament is not classified as a carcinogen

SECTION 12. ECOLOGICAL INFORMATION

The materials used in these products are not associated with any known ecological problems.

SECTION 13. DISPOSAL CONSIDERATIONS

The disposal of waste should be carried out in accordance with national or regional directives - normally by burial in controlled industrial landfill sites.

SECTION 14. TRANSPORT INFORMATION

N/A

SECTION 15. REGULATORY INFORMATION

No specific regulatory information is applicable to these glass textiles.

SECTION 16. OTHER INFORMATION

DISCLAIMER – The information provided in this Safety Data Sheet is based on our current knowledge. While the information and recommendations set forth herein are believed to be accurate, Industries 3R takes no warranty with respect thereto and disclaims all liability in reliance thereon. We recommend testing according to local conditions. The specifications are subject to change without notice.