



INDUSTRIES 3R

MATERIAL SAFETY DATA SHEET

IDENTITY

Part Number: **3R784B**
 Identity: Compressed sheet aramid
 Description: Compressed sheet aramid

SUPPLIER

Industries 3R inc.
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COMPOSITION/INFORMATION ON THE COMPONENTS

This product is made of a combination of aramids fibers and a nitrile rubber bonder:

<i>COMPONENTS</i>	<i># CAS</i>	<i>CONCENTRATION (%)</i>
Kaolin (clay)	71011-26-2	40~50
Rubber	9006-04-6	20~30
Fiber	N/A	20~30
Other chemicals	N/A	0.01~0.5

PHYSICAL AND CHEMICAL PROPERTIES

Rubber

Molecular Formula: (CR-H8)X
 Boiling point: 248°F
 Melting point: N/A
 Steam pressure: N/A
 Steam density: N/A
 Specific gravity: 0.92 (chrysotile 1.8)
 Solubility: Insoluble
 pH: N/A
 Odor and appearance: Elastic non crystalline layer with no taste/smell

FIRE-FIGHTING MEASURES

Fire & explosion hazard: negligible against the exposure of heat and flame.
 Fire fighting chemicals: extinguishing powder chemicals, CO₂, water or bubble
 Fire fighting: use proper fire fighting chemicals and equipments
 Unusual fire hazards: thermal decomposition or combustion may produce dense smoke, oxides of carbon

STABILITY AND REACTIVITY

Chemical Stability: Stable in room temperature / pressure
 Conditions to Avoid: Not reported

HEALT HAZARD INFORMATION

Skin contact: N/A
 Eye contact: irritation
 Cancerogenicity: None

FIRST AID MEASURES

Inhalation: to be treated according to the symptoms

Skin contact: to be cleaned by water and/or cleaners

Eye contact: to be cleaned by water and/or cleaners

Ingestion: to be treated according to the symptoms, if necessary, treated by doctor

Doctor information: to be treated according to the symptoms

SPECIAL PROTECTION

Exposure level: there are no specific occupational exposure standards of rubber, filler and chemicals in OSHA, AGGIH and NOISH.

Ventilation: special ventilation facilities are installed to comply with allowable regulations.

Eye protection: workers wear eye protection.

Emergency eye cleaning: for emergency, cleaning apparatus must be arranged near workshop.

Protective clothing: proper protective clothing must be taken to avoid the direct exposure of skin with foreign material.

Protecting gloves: proper protective gloves must be taken to avoid the contact with foreign material.

Protective breathing equipment: n/a.

DISPOSAL CONSIDERATIONS

To comply with central or local government regulations.

ACCIDENTAL RELEASE MEASURES

Occupational flow

- protect the flow into water system
- prohibition of unauthorized person

HANDLING AND STORAGE

Handle under the proper ventilation atmosphere.

Handle with care.

Comply with central or local government regulations.

TOXICOLOGICAL INFORMATION

Acute toxic level: insufficient data.

Target organ influence: n/a.

Health influence: - Inhalation	Chronic exposure – no report of health influence
- Skin contact	Chronic exposure – no report of health influence
- Eye contact	Chronic exposure – no report of health influence

ENVIRONMENTAL INFORMATION

Environment influence index (0~4): n/a

Acute atmospheric toxicity: n/a

Solubility: n/a

Log organism accumulation index (BCF): n/a

Log octane/Water distribution index precautions in disposal: n/a