



**chemical
products**
insulation solutions

7B, Sokol Str., Yambol 8600, P.O. Box 382, Bulgaria
Tel/fax: 00359/ 46 663 335; 663 835 fax: 00359/ 46 664 068
E-mail: office@chemprod.eu www.chemprod.eu

SAFETY DATA SHEET AND STORAGE RULES OF PIPE SECTIONS ISOLSHELL (PIR)

1. Toxicological information

1.1. Sharp oral toxicity (LD50/LC50)	NO
1.2. Inflammation and irritation effect	NO
1.3. Cancerous, reproduction, toxicological effects	NO
1.4. Skin absorption	NO
1.5. Environmental harms	NO
1.6. Biodegradability	very low

2. INFORMATION ON COMPONENTS/CONTENT

Pipe section is made from rigid expanded polyurethane (polyisocyanurate based on polyether polyols and Isocyanurate).

3. PHYSICAL AND CHEMICAL CHARACTERISTICS

Outside: pipe section from rigid foam
Smell: without smell
Density: 33 kg/m³
Melting point: does not melt
Heat capacity: 6,500 ÷ 7,500 kcal / kg
Solubility coefficient (n-octanol/water): Insoluble
Self- combustion temperature:> 400 ° C
Ignition point:> 300 ° C
Explosive properties: none

4. FIRST AID MEASURES

4.1. Eye contact: if dust falls into the eyes it may cause itching, irritation or skin reddening. In that case wash well with water for about 15 minutes, do not rub, and call a medical person
4.2. Inhalation: If a problem occurs, move the victim to fresh air and consult a physician.
4.3. Ingestion: Consult a physician in case of accidental ingestion of large quantities.
4.4. skin contact – dust and fibers may cause temporarily itching, irritation or skin reddening. If such irritations occur, do not rub but wash well with water and then with a soft soap.

5. RISK OF FIRE

5.1. Extinguishing means

Water Dust [x] dry chemical [x] CO2 [x] Foam [x] dust [x]

5.2. Special procedures for firefighting: direct water stream directly into burning flame or surface. Wet the entire surface to cool and protect from fire.

5.3. Hazardous dissolvable products - mainly carbon oxides, NO2 and HCN

5.4. Special fire-fighting equipment: personal safety masks

6. STORAGE INSTRUCTION

6.1. This product is flammable and could create a fire hazard if improperly used or installed.

6.2. During installation of this product adequate protection should be organized. Some operations, such as grinding or cutting can generate dust, which can cause an explosion of dust. Local ventilation and appropriate dust processing system should be provided. Dust collection system must be protected against electrostatic energy storage.

6.3. Storage and exposure to intense sunlight

- Exposure to direct sunlight for extended periods, the surface is broken into fine powder. Do not expose to flame or other ignition sources.

- Store in dry and ventilated rooms, corrugated cardboard boxes.

6.4. The pipe insulation is transported in boxes. Depending on their size they could be packed one pipe section inside the other (telescoping) aiming to optimize transportation. After unloading of boxes, pipe sections of smaller size should be carefully taken out and placed in the empty boxes sent for them. Pipe sections should be stored in boxes and taken out prior to mounting.

5. Safety Occupational rules

Loading, unloading and mounting of mineral wool:

- ⇒ Use appropriate work clothes and gloves;
- ⇒ Use dust safety mask and glasses;
- ⇒ Use of hat is recommendable, especially if you work with the material high above your head;
- ⇒ If dust falls into eyes, wash well with water and call a doctor if necessary;
- ⇒ If allergic reactions occur, call a doctor.

6. Other information:

- ☑ *Perfect sound and thermal – insulation;*
- ☑ *High dimensional stability;*
- ☑ *Resistant to humidity, mold, microorganisms, rodents, etc.;*
- ☑ *Easy for fitting and cutting;*
- ☑ *Packing: corrugated boxes;*
- ☑ *Scope of application: insulation of external and internal pipes.*