

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

- 1.1. Product identifier:** RF MURPAP
UFI: /
- 1.2. Relevant identified uses of the substance or mixture and uses advised against:**
Bitumen sheets for waterproofing in construction industry.
- 1.3. Details of the supplier of the safety data sheet:**
FRAGMAT TIM, Tovarna izolacijskega materiala d.o.o.
Spodnja Rečica 77
3270 Laško, Slovenia
phone: + 386 3 73 44 500
fax: + 386 3 73 44 618
e-mail: info@fragmat.si
- 1.4. Emergency telephone number:** EU Emergency telephone number: 112

2. HAZARDS IDENTIFICATION

- 2.1. Classification of the substance or mixture:** No classification.
- 2.2. Label elements:** No label.
- 2.3. Other hazards:** Cardboard reinforcement impregnated with bitumen, with surface protection with sand. Smell of asphalt. The composition from point 3 of the safety data sheet does not cause any risk according to valid European legislation. Under normal terms of use this product does not represent a danger. The product is combustible.
- PBT/vPvB:** No data.
- Endocrine disruptor properties:** No data.

3. COMPOSITION/INFORMATION ON INGREDIENTS

- 3.2. Mixture - chemical composition:** Bituminous waterproofing sheeting with cardboard reinforcement, surface protected with sand.
- 3.2.1. Information on ingredients:**
The product(s) does not meet the criteria for classification and labelling according to Regulation 1272/2008 (CLP).

4. FIRST AID MEASURES

- 4.1. Description of first aid measures:**
Inhalation: Not applicable.
Skin contact: Not applicable.
Eye contact: Not applicable.
Ingestion: Not applicable.
- 4.2. Most important symptoms and measures:** At normal use and observing the instructions of the manufacturer no harmful influences are to be expected.
- 4.3. Indication of any immediate medical attention and special treatment needed: /**

5. FIREFIGHTING MEASURES

- 5.1. Extinguishing media:** Dry extinguishing means, light extinguishing foam and water fog.
- 5.2. Special hazards arising from the substance or mixture:** While this material is burning, black smoke, CO and CO₂ emerges.
- 5.3. Advice for fire fighters:** for large-scale fires and fires in the Inside the rooms is the use of isolating breathing apparatus and protective clothing mandatory.
Fire and Explosion Hazards: No risk of explosion.
Unsuitable extinguishing media: full water jet.
Protective equipment: full protective clothing (EN 469), helmet (EN 443), protective boots (EN 15090), gloves (EN 659) and self-contained breathing apparatus (EN 137).
More information: Contaminated water from firefighting and fire residues dispose of in accordance with official regulations.

6. ACCIDENTAL RELEASE MEASURES

- 6.1. Personal precautions, protective equipment and emergency procedures:**
No special precautions.
- 6.2. Environmental precautions:** No special precautions.
- 6.3. Methods and material for containment and cleaning up:** It is necessary to collect bigger pieces and to sweep the dust. When sweeping we recommend, to pour water on the surface. Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.
- 6.4. Reference to other sections:** Disposal in conformity with point 13 of this safety data sheet.

7. HANDLING AND STORAGE

- 7.1. Precautions for safe handling:** When handling with product, it is necessary to use protective equipment, such as described in point 8.
- 7.2. Conditions for safe storage, including any incompatibilities:** Keeping and storage must be according to the instructions of the manufacturer, written on the product or in the technical sheet.
- 7.3. Specific end use(s):** Use the product according to the instructions on the label of product and in the technical sheet.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

- 8.1. Control parameters:** There are no parameters to monitor.
- 8.2. Exposure controls:**
Respiratory protection:
Avoid inhaling the dust of sand.
Hand protection:
Suitable gloves for mechanical hand protection.
Eye protection: Work glasses.
Skin protection: Recommendation for installing the product: protection clothes with long sleeves and long trousers, protection footwear.
Hygiene measures: Do not eat and drink at work with product.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties:

a) Physical state	solid shape
b) Colour	black
c) Odour	smell round bitumen
d) Melting point/freezing point	> 100°C
e) Boiling point or initial boiling point and boiling range	> 300°C
f) Flammability	no flammable
g) Lower and upper explosion limit	not applicable
h) Flash point	> 250°C
i) Auto-ignition temperature	no data
j) Decomposition temperature	no data
k) pH	not applicable
l) Kinematic viscosity	not applicable
m) Solubility	not soluble in water, soluble in organic solvents
n) Partition coefficient n-octanol/water (log value)	no data
o) Vapour pressure	no data
p) Density and/or relative density	1,0 kg/l
q) Relative vapour density	not applicable
r) Particle characteristics	no data

9.2 Other information:

9.2.1 Information regarding physical hazard classes: no data

9.2.2 Other safety characteristics: no data

10. STABILITY AND REACTIVITY

10.1. Reactivity: The product is not chemically reactive.

10.2. Chemical stability: Product is stable under normal use.

10.3. Possibility of hazardous reactions: no data.

10.4. Conditions to avoid it: no data

10.5. Incompatible materials: Oxidants, strong acids and bases, halogens.

10.6. Hazardous decomposition products: Products are CO, CO₂, NO_x mixed hydrocarbons.

11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects of product

a) acute toxicity	No acute toxic.
b) skin corrosion/irritation	No irritation effects.
c) serious eye damage/irritation	No irritation effects.
d) respiratory or skin sensitization	Not sensitizing.
e) germ cell mutagenicity	No germ cell mutagenicity.
f) carcinogenicity	No carcinogenicity.
g) reproductive toxicity	No reproductive toxicity.
h) STOT-single exposure	No STOT SE hazard.
i) STOT-repeated exposure	No STOT RE hazard.
j) aspiration hazard	No aspiration hazard.

11.2 Additional toxicological information: no data.

12. ECOLOGICAL INFORMATION

- 12.1. Toxicity:** No toxicity.
12.2. Persistence and degradability: No data.
12.3. Bio accumulative potential: No bio-accumulative potential.
12.4. Mobility in soil: The product does not pollute water resources.
12.5. Results of PBT and vPvB assessment: No PBT and vPvB effects.
12.6. Other adverse effects: No data.

13. DISPOSAL CONSIDERATIONS**Waste treatment methods:**

The waste of product must be collected separately and shall be submitted an authorized organization for waste management.

Waste of pure product: the residue or waste product is classified as non-hazardous waste and as a construction waste-bitumen mixture 17 03 02 Asphalt not containing tar and 17 06 02 Other insulating materials.

Packaging waste: Residues from packing pallets (PE film) and wooden pallets, are classified as 15 01 02 Plastic packaging and 15 01 03 Wooden packaging. Scrap of paper packaging is classified under 15 01 01 Paper and cardboard packaging.

14. TRANSPORT INFORMATION

- 14.1. Un number:** /
14.2. Un proper shipping name: /
14.3. Transport hazard classe(s): This product is not classified as hazardous for transport.
14.4. Packing group: /
14.5. Environmental hazards: /
14.6. Special precautions for user: /
14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: /

15. REGULATORY INFORMATION**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture:**

- Regulation (EU) 1907/2006 - REACH.
- Regulation (EU) 1272/2008 - Regulation GHS (CLP).
- Directive 1999/13/EC (VOC Directive): VOC content: Product does not contain VOC.

15.2. Chemical safety assessment: For the product is not carried out a chemical safety assessment.

16. OTHER INFORMATION

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.