


SAFETY DATA SHEET	
Polymeric water based paste	1 of 8

Complying with 1907/2006/EEC Regulation of 18 December 2006

Section 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

REACH Product name: Polymeric water based paste

Trade names: Master roof.

Synonyms: N/A

Chemical formula: Mixture

Product type: Solid

Cas number: N/A

Use of the substance/preparation:

* Waterproofing new roofs that have various penetrating devices or complex geometrical shapes.

* Waterproofing complex areas, where Bituminous Membranes can not be used.

* Waterproofing existing roofs that are in need of renovation and are covered with old bitumen or old bituminous membranes.

Company/undertaking identification

Supplier/Manufacturer: PAZKAR Ltd.
Alon Tavor, Industrial zone
P.O.B 2030
Afula, 18000
Israel
Tel: +972-4-6423111
Fax: +972-4-8548870

e-mail address of person responsible for this SDS: info@pazkar.co.il

Emergency telephone number: N/A
(with hours of operation)

Section 2. HAZARDS IDENTIFICATION

This substance is classified in the Annex I of Directive 2001/59/EC..

Classification: -

Most important hazards: May cause eye, respiratory tract and skin irritation.

See section 11 for more detailed information on health effects and symptoms.

Section 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance/preparation: Multi-constituent preparation

SAFETY DATA SHEET



Polymeric water based paste

2 of 8

Ingredient name	CAS number	%	EC number	Classification
Titanium dioxide	13463-67-7	2-20	236-675-5	-
Solvent naphtha (petroleum), heavy arom.	64742-94-5	1-3	265-198-5	Xn; R65

See section 16 for the full text of the R-phrases declared above

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in section 8.

Section 4. FIRST AID MEASURES

Eyes contact: Rinse opened eyes under running water for at least 15 minutes. Get medical attention in case of delayed damage.

Skin contact: Immediately remove contaminated clothing and shoes unless stuck to the skin. Rinse with large amounts of water for at least 10 minutes. Get medical attention as necessary.

Inhalation: Remove to fresh air. If breathing is difficult, give oxygen if possible. If not breathing, give artificial respiration. Get medical attention.

Ingestion: Do NOT induce vomiting. If casualty is conscious, give three cups of water. Get medical attention. Never give anything by mouth to an unconscious person.

Notes to physician: No specific antidote, medical staff contacts Poisons Information Center. All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred.

See section 11 for more detailed information on health effects and symptoms.

Section 5: Fire-Fighting Measures

Extinguishing media

Suitable: Foam, dry chemicals, carbon dioxide (CO₂) for small fires.

Not suitable: N/A

Special exposure hazards: N/A

Hazardous thermal decomposition products: Titanium oxides, irritating fumes and smoke.

Special protective equipment for fire fighters: Fire fighters should wear full protective clothing and

SAFETY DATA SHEET



Polymeric water based paste

3 of 8

self-contained breathing apparatus in positive pressure mode.

Remark: Move containers from fire area if possible to do so without risk. Cool containers with water spray.

Section 6: Accidental Release Measures

Personal precautions: Wear protective clothing. Do not generate dust. Provide ventilation. Remove all sources of ignition.

Environmental precautions: Do not let this chemical enter the environment.

Methods for cleaning up

Small spill: Cover with dry sand, vermiculite other incombustible absorbed materials. Collect solids into a suitable container and send to disposal site according to the local regulation.

Prevent product from entering the sewage system and water sources.

Large spill: As for small spill

Personal Protection in Case of Large Spill: Safety glasses. Full suit. Suitable respirator. Boots. Gloves. A self- contained breathing apparatus should be used to avoid inhalation of the product.

Section 7: Handling and Storage

Handling: Minimize dust generation and accumulation. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Do not permit eating/drinking/smoking near the material.

Keep away from heat, sparks and open flame.

Storage: Keep containers tightly closed, in dry, cool and well ventilated place.

Protect from direct sunlight and extreme temperature.

Do not store together with strong oxidizing agents, metals (aluminum, calcium, magnesium, potassium, sodium, zinc, lithium).

Specific use(s): In tropical climates the product must be stored in an air-conditioned environment.

In cold climates the product must be stored in heated environment over 10°C. Do not freeze.

Shelf life is 12 months when stored as above.

Section 8: Exposure Control / Personal Protection

Exposure limit values:

Ingredient name	Ingredient name
Titanium dioxide	ACGIH-TLV 10 mg/m ³ (TWA) OSHA-PEL 5 mg/m ³ (TWA), respirable fraction OSHA-PEL 15 mg/m ³ (TWA), total dust GER-MAK 1.5 mg/m ³ (TWA), respirable NIOSH-REL lowest feasible concentration

SAFETY DATA SHEET



Polymeric water based paste

4 of 8

Exposure controls

Occupational exposure controls: Use process enclosures, local exhaust ventilation, or others engineering controls to keep airborne levels below recommend exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

Respiratory protection: Mask and filter. Be sure to use an approved/certified or equivalent. Wear appropriate respirator when ventilation is inadequate.

Hand protection: Wear protective gloves to prevent skin exposure.

Eye protection: Wear protective safety spectacles or goggles.

Skin protection: Wear appropriate long-sleeved clothing, working shoes to minimize skin contact.

Hygiene measures: Keep away from foodstuffs and beverages. Do not eat, drink or smoke during work time. Remove soiled or soaked clothing immediately. Clean skin thoroughly after work; apply skin cream. During use, provide suitable ventilation.

Environmental exposure controls: Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

Exposure Guidelines: Exposure limits represent regulated or recommended worker breathing zone concentrations measured by validated sampling and analytical methods, meeting the regulatory requirements.

Section 9: Physical and Chemical Properties

General information:

Physical state: Solid

Colour: Top layer white and base layer peach

Odour: N/A

Odour threshold: N/A

Molecular weight: Mixture

pH: 5-9

Boiling point/boiling range: N/A

Flash point: N/A

Flammability: Danger of combustion

Explosive properties: N/A

Oxidizing properties: N/A

Vapor pressure: Not volatile

Water solubility: Insoluble

Octanol/Water partition coefficient: N/A

SAFETY DATA SHEET



Polymeric water based paste

5 of 8

Viscosity: N/A

Vapor density: Not volatile

Evaporation rate (butyl acetate=1): N/A

VOC: N/A

Apparent (Bulk) Density: N/A

Decomposition range: < 100°C

Other information:

Miscibility: N/A

Fat solubility: N/A

Conductivity: N/A

Melting point/melting range: N/A

Gas group: N/A

Density at 25°C: 1.3-1.4 gr/cm³

Auto-ignition temperature: N/A

Freezing point: 0 - (-2)°C

Heat stability: > 120°C

Cold flexibility: < -30°C

Specific gravity: 1.35

Section 10: Stability and Reactivity

Stability: The product is stable under normal handling and storage conditions described in Section 7.

Conditions to avoid: Direct sunlight and high temperature.

Materials to avoid: Strong oxidizing agents, metals (aluminum, calcium, magnesium, potassium, sodium, zinc, lithium).

Hazardous Decomposition products: On fire emits titanium oxides, irritating fumes and smoke.

Hazard polymerization: Will not occur.

Section 11: Toxicological Information

Potential acute health effects

Inhalation: Inhalation steam in high concentration may have negative effect on respiratory system and lungs.

Ingestion: Ingestion may cause irritation to mouth and digestion system.

Skin contact: May cause irritation and sensitization to skin.

Eyes contact: May cause irritation to eyes.

Symptoms: Headaches, dizziness, vomiting and loss of concentration.

SAFETY DATA SHEET



Polymeric water based paste

6 of 8

Acute toxicity

Product/ingredient name	Test	Species	Dose
Solvent naphtha (petroleum), heavy arom.	LC50, inhalation LD50, Administration onto the skin	Rat Rabbit	>590 mg/m ³ , 240 min >2 ml/kg

Potential Chronic Health Effects

Reproductive toxicity: Not applicable.

Carcinogenicity: Titanium dioxide:

Classified by NIOSH as carcinogenic.

IARC GROUP 3- Unclassifiable as to carcinogenicity to humans.

ACGIH A4- Not classified as human carcinogen.

Mutagenicity: Not applicable.

Teratogenicity: Not applicable.

Over exposure signs/symptoms:

Skin: N/A

Target organs: No specific data

Special Remarks on Toxicity to animals: N/A

Section 12: Ecological Information

Ecotoxicity

Aquatic ecotoxicity: N/A

Mobility: Insoluble in water.

Persistence: N/A

Degradability: N/A


Bioaccumulative potential: N/A

Result of PBT assessment: N/A

Other adverse effects:

Substances which have an unfavorable influence on the oxygen balance and can be measured using parameters such as BOD, COD, etc.: N/A

Substances, which contribute to eutrophication: N/A

SAFETY DATA SHEET	
Polymeric water based paste	7 of 8

Remarks: N/A

Section 13: Disposal Considerations

Methods of disposal: Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Hazardous waste: N/A

Section 14: Transport Information

International transport regulations

Regulatory Information	UN number	Proper shipping name	classes	Packing group	Label	Additional information	Marine pollutant
ADR/RID Class	NOT regulated	-	-	-	-	-	-
IMDG class	NOT regulated	-	-	-	-	-	-
IATA class	NOT regulated	-	-	-	-	-	-

National Fire Protection Association Hazard Ratings- NFPA (R):

- 1 Health Hazard Rating - Slight
- 1 Flammability Rating - Slight
- 0 Instability Rating - Minimal

Section 15: Regulatory Information

EC regulations

Classification and labeling have been determined according to EU Directives 67/548/EEC and 1999/45/EC (including amendments) and take into account the intended product use.

Labelling in accordance with EC directive: No symbol required.

Risk phrases: This product is not classified according to EU legislation.


Safety phrases:

S24/25: Avoid contact with skin and eyes.

S36/37/39: Wear suitable protective clothing, gloves and eye/face protection.

National Paint & Coating Hazardous Materials Identification System – HMIS (R):

- 1 Health Hazard Rating - Slight
- 1 Flammability Rating - Slight
- 0 Instability Rating - Minimal

SAFETY DATA SHEET	
Polymeric water based paste	8 of 8

Section 16: Other Information

Full text of R-phrases referred to in sections 2 and 3:

R65: Harmful: may cause lung damage if swallowed.

Full text of classifications referred to in sections 2 and 3:

Xn; Harmful.

Training advice: N/A

Recommended restriction: N/A

Key Legend Information:

ACGIH- American Conference of Governmental Industrial Hygienists

OSHA- Occupational Safety and Health Administration

NTP- National Toxicology program

IARC- International Agency for Research on Cancer

ND- Not Determined

N/A- Not available

R-phrases- Risk phrases

S-phrases- Safety phrases

Date of printing: 14th July 2009

Version no. 1

According to Regulation (EC) No. 1907/2006 (REACH), Annex II and Commission Directive 2001/59/EC.

To the best of our knowledge the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.