

SAFETY DATA SHEET

SECTION 1. Identification of the substance/mixture and of company/undertaking

- 1.1 **Product identifier** **POLYLACK W**
Fire protection paint for steel structures
- 1.2 **Relevant identified uses of the substance or mixture and uses advise against**
Recommended use: for industrial purposes
Not recommended use: for household use
- 1.3 **Details of the supplier of the safety data sheet**
MERCOR DUNAMENTI ZRT.
2131 Göd, Nemeskéri Kiss Miklós u. 39.
VAT No. 13303482-2-13
Phone: +36-27-345-217 Fax: +36-27-345-074
- 1.4 **Distributor** MERCOR DUNAMENTI ZRT.
2131 Göd, Nemeskéri Kiss Miklós u. 33.
VAT No. 13303482-2-13
Phone: +36-27-345-217 Fax: +36-27-345-074
E-mail: godcenter@dunamenti.hu
- Responsible person: Károly Csák – Development engineer
E-mail: csak.karoly@dunamenti.hu
- 1.5 **Emergency phone:** Health Toxicological Information Service (ETTSZ)
1096 Budapest, Nagyvárad tér
2.
Phone: +36 1 476 6464, +36 80 201 199

SECTION 2: Hazard identification

- 2.1 **Classification of substance or mixture** The mixture does not meet the classification criteria under Regulation (EC) 1271/2008
- 2.2. **Label elements**
Labeling - not required
Warning - not required

SECTION 3. Composition/information on ingredients

General chemical description: water-dispersion fire protection paint

Base component of the product: ammonium-polyphosphate, polyvinyl-acetate

- 3.1 **Substances:** not applicable
3.2 **Mixtures:** does not contain hazardous ingredients

SECTION 4: First aid measures

- 4.1 **Description of first aid measures**
– Respiration: No measure shall be taken
– Skin contact: Take off dirty clothes immediately, wipe off, wash off the skin thoroughly with water and soap,
– Eye contact: Rinse thoroughly appr. 15 minutes with water, consult doctor
– Swallowing: to give water to drink, consult doctor in case of durable symptoms
- 4.2 **Most important symptoms and effects, both acute and delayed**
– Primary irritant effect: n.a
– Sensibility: n.a
– Additional toxic data: n.a
- 4.3 **Indication of any immediate medical attention and special treatment needed**
General instructions: symptoms of poisoned can be perceivable after hours, therefore in case of accident it is necessary at least 48 hours medical observation

SECTION 5: Fire-fighting measures

- 5.1. **Extinguishing media:** Fire extinguisher with foam, CO₂, powder, sand, water mist
- 5.2. **Special hazards arising from the substance or mixture :** NOT KNOWN
- 5.3. **Advise for firefighters:** Special suggestion for protection equipment for fire fighters: respiration unit, isolating protection equipment

SECTION 6: Accidental release measures

- 6.1. **Personal precautions, protective equipment and emergency procedures:** always wear protective gear when using the product, do not use without it. Avoid skin or eye contact with product. Spilled product is slippery.
- 6.2. **Environmental precaution:** Ensure product cannot get into the sewage system; in case of accident the competent authorities shall be informed.
- 6.3. **Methods and materials for containment and cleaning up:** In case of spillage the product must be soaked up with an absorbent material (e.g. dry soil, sand, ground limestone) and shall be transported to a safe area in a sealed container for disposal. Any contaminated material is to be treated as waste in accordance with section 13 below.
- 6.4. **Reference to other sections:** This material is to be handled as waste material see point 7., 8. 13.

SECTION 7: Handling and storage

- 7.1 **Precautions for safe handling**
 - 7.1.1 Advice on safety handling: Requirement for the warehouse or storage: store under normal circumstances protected from frost. Keep away from reach of children
- 7.2 **Conditions for safe storage, including any incompatibilities**
 - 7.2.1 Requirements of warehouse: protecting from direct heat radiation and heating up.
 - 7.2.3 Other information to store: Keep in cool, dry, well ventilated area.
- 7.3 **Specific and use(s)**
 - Coating for fire protection of steel structures

SECTION 8: Exposure control/individual protection

- 8.1. **Control parameters:** no data available
Additional instructions concerning appropriate technological environment: see section 7.
Threshold values of components to be observed in the workplace: No potentially hazardous components

8.2 Exposure controls:

According to (6) §7 of common decree No. 25/2000. EüM-SZCSM in case of hazardous materials not governed by a limit the employer is obliged to decrease the rate of exposition to the lowest possible level expected by the scientific and technical standards, at which level the material is not harmful to health based on the current state of knowledge.

Personal protection:

General protective and hygienic measures in the workplace: keep product away from food, drinks and fodder. Contaminated clothing should be removed immediately. Wash hands before breaks and at the end of shift. Avoid contact with body and eyes.

Respiratory protection: -

Hand protection: protective gloves - material: nitrile-caoutchouc, natural caoutchouc (latex) (EN 374). Consult manufacturer of gloves for accurate penetration time.

Eye protection: use tightly fit protective goggles.

Environmental exposure control: no special instructions to comply with.

SECTION 9: Chemical and physical properties

- 9.1 **Information on basic physical and chemical properties**
 - Consistency: creamy liquid

Colour:	white
Smell:	characteristic
Melting point:	-
Boiling point:	-
Self-ignition:	-
Explosion hazard:	-
Density:	1,28 -1,40 g/cm ³ at 20 °C
pH:	slightly alkaline 7-8
Solubility	Good soluble in water
	solvent content: 0 %
	water: 30 %

9.2 **Other information** No further relevant information is available

SECTION 10. Stability and reactivity

- 10.1 **Reactivity:** -
- 10.2 **Chemical stability:** under normal conditions stable
- 10.3 **Possibility of hazardous reaction:** if handled and stored properly, no hazardous reaction is known
- 10.4 **Conditions to avoid:** high temperature, open flame,
- 10.5 **Incompatible materials:** non in case of described handling
- 10.6 **Hazardous decomposition products:** none, if handled in line with the requirements.

SECTION 11. Toxicological information

- 11.1 **Information of hazard classes as defined in Regulation (EC) No 1272/2008:**
- Primary stimulating effect; skin, eyes and mucous membrane: not known
 - Sensitivity: it is probable in case of contact with skin
 - Further toxicology information: not known

SECTION 12. Ecological information

- 12.1 **Toxicity:** not toxic
- 12.2 **Persistence and degradability:** no relevant information is available
- 12.3 **Bioaccumulative potential:** no relevant information is available
- 12.4 **Mobility in soil:** hardly decomposition on biological way
- 12.5 **Results of PBT and vPvB assessment:** not applicable.
- 12.6 **Endocrine disrupting properties:** - no further relevant information is available
- 12.7 **Other adverse effects:** no relevant information is available
- It is forbidden to allow the product - even in little quantity - to get into the sewage system, natural waters or watercourses!

SECTION 13. Disposal considerations

- 13.1. **Waste treatment methods**
- 13.1.1 Recommendation: it is not allowed to transport with public rubbish, to get into sewage system
- 13.1.2 Not-clean packaging material
- 13.1.3 Recommendation: comply with regulations of local authority:
Dried paint in a container: It is classified as dangerous waste*

SECTION 14. Transport information

- 14.1 **UN number:** -
- 14.2 **UN proper shipping name:** -
- 14.3 **Transport hazard class(es):** -
- 14.4 **Packaging group:** III.
- 14.5 **Environmental hazards:** See section 12.
- 14.6 **Special precautions for user:** See section 7.
- 14.7 **Marine transport in bulk according to IMO instrument:** not applicable

SECTION 15. Regulatory information

15.1 Safety, health-care and environmental regulations/legislation specific for substance or mixture

1. International regulation REACH:

Decree No. 1907/2006/EC (18 December 2006) of the European Parliament and Council on registration, evaluation, permitting and limiting of chemical materials (REACH), on establishing European Chemical materials Agency, on modification of directive No.1999/45/EC as well as on invalidate of decree No.793/93/EEC, safety decree No.1488/94/EC, directive No. 767/69/EEC, safety directives No. 91/155/EEEC, 93/67/EEC and 2000/21/21 EC

2. International regulation CPL

DECREE No. **1272/2008/EC** (16 December 2008) of EUROPEAN PARLIAMNET AND COUNCIL on classification, labeling and packaging of materials and mixtures on modification and invalidate of directive No. 67/548/EEC as well as on modification of decree No. 1907/2006/EC

3. DECREE No. **453/2010/EU** (20 May 2010) of COMITEE on modification of decree No. 1907/2006/EC regarding registration evaluation, permitting and limiting of chemical materials

4. Comission regulation (EU) 2015/830 amending regulation (EC) 1907/2006

16.SECTION OTHER INFORMATION

The data are made by the current knowledge, but it does not mean guarantee or contractual liability. To change the data or apply to other products is not allowed.

The safety data sheets are allowed to multiply in constant form.

16.1 Abbreviations and interpretations applied:

DSD.....according to Directive No. 67/548/EEC and its amendments

CLP.....according to Decree No. 1272/2008/EC and its amendments

CAS-number.....(Chemical Abstrackt Servece) index-number, individual identification number consisting of not more than 9 digits