

Moose Färg
Smitschagen B.V.
De Dreef 32 1741MH Schagen
www.moosefarg.com
Tel. +31 (0)6553333165
KVK nr. 60165618

SAFETY DATA SHEET (MSDS)
Pansar 1
Date of generation: 15.08.2018
In compliance with Regulation (EC) 1907/2006/EC

IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product identifier

Product description: preparation of modified hybrid materials in aqueous solution for wood protection;

Label print name: Pansar 1;

Chemical Family: mixtures.

Relevant identified uses of the substance or mixture and uses: first step product of two steps protection: for wood protection with waterproofing effect, clean effect and increasing durability of the wood surfaces. Effective protection against microbiota, fouling, algae, spores, fungi, wood decay and harmful insects.

Details of the supplier of the safety data sheet:

company name: Smitschagen B.V. ;

street: De Dreef 32;

place: Schagen The Netherlands;

company e-mail for SDS: jan@moosefarg.com;

emergency telephone number: 112

HAZARDS IDENTIFICATION

Classification of the substance or mixture:

not classified as dangerous substance or mixture

not need notice phrase

Label elements: not need pictogram

Other hazards: no other hazards

COMPOSITION/INFORMATION ON INGREDIENTS

Substances:

Name	CAS No.	EINECS No.	Content , %	Classification
				REGULATION (EC) No 1272/2008
Doesn't content dangerous components				

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FIRST AID MEASURES:

Description of first aid measures:

Eye contact: rinse immediately with plenty of water, holding the eyelids open;

Skin contact: wash the skin with soap and water.

Inhalation: no harmful effect is detected during usual application. Go to fresh air;

Ingestion: Rinse mouth with water. Drink much water. No retch.

Most important symptoms and effects, both acute and delayed:

Eye contact: can cause an allergic reaction;

Skin, inhalation and Ingestion contact: can cause an allergic reaction;

Indication of any immediate medical attention and special treatment needed:

Eye contact: Seek medical advice if effects persist;

Skin contact: if skin allergic persists, consult a specialist;

Inhalation: consult with specialist if necessary;

Ingestion: Seek medical advice if effects persist.

FIREFIGHTING MEASURES

Extinguishing media: product is not a fire hazard. Use water spray, Dry chemical, Foam, Carbon dioxide (CO₂). Prevent fire extinguishing water from contaminating surface water or the ground water system. Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

Special hazards arising from the substance or mixture: not determined.

Advice for firefighters: no special measures required.

ACCIDENTAL RELEASE MEASURES

Personal precautions: Wear protective gloves and protective clothes (see section 8).

Attempt all safety precautions to prevent environmental pollution.

Methods for cleaning up: For cleanup use inert adsorbent, for example wood sawdust. Leakage or spillage with sawdust collect and utilize according to local regulations.

Reference to other sections: spilled product makes slippery surface

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HANDLING AND STORAGE

Precautions for safe handling: use closed vessels. General ventilation is recommended.

Conditions for safe storage, including any incompatibilities: Storage in closed vessels. Keep separately from foodstuff, drinks, fodder. Avoid solar gain.

Specific end use(s): when contact with clothing can be spots.

EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters: not determined.

Exposure controls:

Precautions in working area: use the personal protection equipment. Wash hands before drink, eat, toilet. ;

Respiratory protection: presence sufficient ventilation;

Hand protection: use protective gloves;

Eye protection: avoid contacting with eyes. Wear close fitting goggles or a face visor if there is a risk of splashing;

Environmental exposure controls: Take care to avoid the contamination of watercourses and drains and inform the appropriate authority in case of accidental contamination of watercourses.

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PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties:

Form	Thyrotropic water fluid with prone to gelling. Gel easy goes to fluid back by shaking.
Color	Transparent milky liquid or brown liquid (if natural dye is added)
Odor	Odorless
pH-value at 20°C	9.0 - 10.5 (50% in water)
Silica components as SiO ₂ , %	2-5
Potash (Potassium carbonate),%	2-5
Natural dye substance, %	0 - 0.8
Viscosity, cSt	35 - 50
Melting point/Melting range:	Undetermined
Boiling point/Boiling range	> 100°C
Flash point:	Not determined
Flammability (solid, gaseous):	Not determined
Volatile organic compound (VOC), g/l	kat A/f containing 0
Decomposition temperature	Not determined
Vapor pressure:	as aqueous solutions
Density at 20°C, g/cm ³	1.05 - 1.10
Solubility in water	In any ratio
Specific surface area, m ² /g	200 - 250
Surface area, m ² /g, via BET	200 - 300

Other information: unknown

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STABILITY AND REACTIVITY

Reactivity: the product is stable under normal conditions of storage, handling and use;

Chemical stability: The product is stable under normal conditions of storage, handling and use;

Possibility of hazardous reactions: no possibility of hazardous reactions;

Conditions to avoid: no condition to avoid;

Incompatible materials: no Incompatible materials;

Hazardous decomposition products: no hazardous decomposition products.

TOXICOLOGICAL INFORMATION

Information on toxicological effects: not toxic

ECOLOGICAL INFORMATION

Toxicity: not eco-toxicological

Persistence and degradability: stable

Bioaccumulative potential: unknown information

Mobility in soil: unknown information

Results of PBT and vPvB assessment: this product is not identified as a PBT substance

Other adverse effects: unknown information

DISPOSAL CONSIDERATIONS

Waste treatment methods: in accordance with local and national regulations.

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TRANSPORT INFORMATION

UN number: non-hazardous

UN proper shipping name: non-hazardous

Transport hazard class(es): non-hazardous

Packing group: non-hazardous

Environmental hazards: non-hazardous

Special precautions for user: see section 7.

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: see section 7.

Railway (RID), Surface transport (ADR), Sea (IMDG), Air (OACI) transport: non-hazardous

REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture:

Regulation (EC) No 1907/2006 – REACH of 18 December 2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH) and establishing a European Chemicals Agency.

REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labeling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH).

Chemical safety assessment: chemical safety assessment is prepare according to COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010.

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OTHER INFORMATION

Further information: user's manual as presented on label and website www.moosefarg.com and other Moose Färg websites.

Additional information: the information provided in this Safety Data Sheet is result of careful testing and knowledge of Smitschagen B.V.

This information helps provide safe work and belief at the date of its publication. The given information is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. We hope that this document will be useful and will be appreciate if receive additional information about safe work with it