



SAFETY DATA SHEET

Date of issue: 4 November 2017
Trade name: BlackboardPaint Any Colour
Page: 1/11
Version: 3.1

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

1.1 Product identifier

Trade name: **BlackboardPaint Any Colour**
Synonyms: SchultafelFarbe Jede Farbe – SchoolbordVerf Elke Kleur

1.2 Relevant identified uses of the substance or mixture and uses advised

against: MagPaint's BlackboardPaint is a water-based paint for walls and school boards made of wood or metal. Or for other materials that have been pre-treated with a suitable primer.

The colourless base can be tinted to any colour with water-based pastes.

MagPaint BlackboardPaint can be written on using all common types of chalk, except oil-based chalk. For indoor use only.

Product category: PROC19 (Hand-mixing),
PROC10 (Roller application or brushing).

1.3. Details of the supplier of the safety data sheet

Manufacturer/supplier: MagPaint Europe B.V.
Riezenweg 2
7071 PR Uift
THE NETHERLANDS
Tel.: +31 (0) 315 38 64 73
Fax: +31 (0) 315 74 52 00
Email: info@magpaint.com
Website: www.magpaint.com

Further information obtainable from:

Contact person: Mike Poorthuis
Tel.: +31 (0) 315 38 64 73
Email: info@magpaint.com
Working hours (business days): 09h00-17h00

1.4. Emergency telephone number

The Netherlands: National Poison Information Centre: +31 (0) 30 247 88 88
Belgium: Belgian Poison Centre: +32 (0) 70 245 245
United Kingdom: UWIC: +44 (0) 29 204 16388

SECTION 2: Hazards identification.

2.1. Classification of the substance or mixture

Classification in accordance with Regulation (EC) no 1272/2008: Void.

2.2. Label elements

In accordance with Globally Harmonized System, EU (GHS)

Hazard pictograms: -

Signal word: -

Hazard statements: EUH210 Safety data sheet available on request.

Precautions: -



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Hazard-determining components for labelling:	-
2.3. Other hazards	-
Results of PBT and vPvB assessment	
PBT	No.
vPvB	No.

SECTION 3: Composition/information on ingredients.

3.1. Substances

Not applicable.

3.2. Mixtures

Chemical description: Preparation comprising the following component(s), water base and (other) unclassified components.

Mixture of: 5-Chloro-2-Methyl-2H-Isothiazol-3-one and 2-Methyl-2Hisothiazol-3-one (3:1)

CAS#: 55965-84-9

EC#: Mixture of: 5-Chloro-2-Methyl-2H-Isothiazol-3-one and 2-Methyl-2Hisothiazol-3-one (EC# 220-239-6) (3:1)

Index#: 613-167-00-5

REACH reg.#: -

Content (W/W): < 0.0015 %

Danger, 1272/2008/EC: Acute Tox. 3; H301, H311, H331 - Skin Corr.1B; H314 - Skin Sens. 1; H317 - Aquatic Acute 1; H400 - Aquatic Chronic 1; H410

Note: Specific classification limits,
- Skin Corr. 1B; H314: C ≥ 0.6 %;
- Skin Irrit. 2; H315: 0.06 % ≤ C < 0.6 %;
- Eye Irrit. 2; H319: 0.06 % ≤ C < 0.6 %;
- Skin Sens. 1; H317: C ≥ 0.0015 %.

Full text of H- and EUH-phrase(s): see section 16.

SECTION 4: First aid measures.

4.1. Description of first aid measures

General information: If in doubt or if symptoms persist, seek medical attention.
Eye contact: Mild irritation. Flush eyes thoroughly with water (for at least 10 minutes) while holding eyelids open. Then immediately consult a physician/ophthalmologist.

Skin contact: Remove mechanically, wash with plenty of soap and water, liberally apply skin cream to clean skin. Consult a physician in case of persistent pain or redness.

Ingestion: Have person rinse mouth thoroughly with water, and then spit out rinse water. Never make an unconscious person drink fluids because of risk of suffocation. Do NOT induce vomiting. If symptoms develop: Get medical advice/attention



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If aerosol or vapour is inhaled in high concentrations:	Take the person into the fresh air, keep him warm, let him rest. If symptoms occur (e.g. breathing difficulties) medical attention is required.
4.2. Most important symptoms and effects, both acute and delayed	
Inhalation:	No known significant effects or critical hazards. Sanding dust of reacted material may cause irritation of respiratory tract.
Skin contact:	By mechanical damage (particles): redness.
Eye contact:	By mechanical damage (particles): irritation, redness and pain.
Ingestion:	Irritation.
4.3. Indication of any immediate medical attention and special treatment needed	
Further medical treatment:	Symptomatic treatment and supportive therapy as prescribed.

SECTION 5: Firefighting measures.

5.1. Extinguishing media

Suitable extinguishing media: Use CO₂, ABC powder. Fight larger fires with water spray.
Unsuitable extinguishing media for safety reasons: A direct water jet may be ineffective.

5.2. Special hazards arising from the substance or mixture

Special hazards: Not classified as flammable. In case of fire, hazardous and toxic vapours may be released. Possible decomposition products are: carbon monoxide and carbon dioxide.

5.3. Advice for fire fighters

Protection of fire-fighters: For fire-fighters, mouth and nose protection with independent air supply (breathing apparatus) and full (chemical) protective clothing are mandatory. Use qualified personnel who are well aware of the dangers of this product. Clean the equipment thoroughly after use (shower, clean clothing thoroughly and check suitability).

Additional information: If closed containers are exposed to fire, keep cool with water. In a fire or if heated, a pressure increase will occur and the container may burst.

SECTION 6: Accidental release measures.

6.1. Personal precautions, protective equipment and emergency procedures

Wear appropriate personal protective equipment, including safety glasses, personal protective clothing and chemical resistant gloves when cleaning up major spillages. Ventilate the area.

6.2. Environmental precautions

Prevent product from entering sewers or surface water. If significant quantities are being released in the environment, inform the local authorities. Do not allow to enter the soil or subsoil.



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6.3. Methods and material for containment and cleaning up

Contain and collect spillages with non-combustible absorbent materials e.g. sand, earth, vermiculite, diatomaceous earth and place in a suitable container. Wash the spillage area clean with water and detergent.

6.4. Reference to other sections

Information regarding safe handling – see section 7.
Information regarding personal protective equipment – see section 8.
Information regarding disposal – see section 13.

SECTION 7: Handling and storage.

7.1. Precautions for safe handling

Handling:

When handling observe the usual precautionary measures for chemicals. Do not breathe vapour. Workers should wash hands and face before eating, drinking and smoking. Material contains solid components as filler; mix before use. Do not dilute or mix with other (paint) products.

Information about fire - and explosion protection: No specific requirements.

7.2. Conditions for safe storage, including any incompatibilities

Storage:

Keep container tightly closed in a cool, well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Keep away from direct sunlight. Avoid moisture from entering by keeping the containers tightly closed when not in use.

Requirements to be met by storerooms and receptacles: Preferably keep in the original packaging. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Suitable packaging material:

Original packaging. Closed, coated tin or plastic can.

Suitable material for tanks and pipelines: Stainless steel, coated steel, polyethylene.

Information about storage in one common storage facility: Keep away from oxidants, strong bases and acids.

Further information about storage conditions: Recommended storage temperature 1 – 49 °C. Tightly closed, cool, dry, ventilated.

7.3. Specific end use(s)

No further relevant information available.

SECTION 8: Exposure controls/personal protection.

8.1. Control parameters

No exposure limit value known.

8.2. Exposure controls

Personal protective equipment:




Do not smoke, eat or drink whilst working. Wear suitable protective clothing (preferably cotton).

Mouth and nose protection:

Ventilation, general extraction, local exhaust in case of

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Skin and body: 	insufficient ventilation, respiratory protection (e.g. EN149, filter type A). Wear appropriate chemical protective clothing (e.g. EN 13034 type PB [6], including shoes or boots, single-use protective clothing or thick cotton fabric). Store working clothes separately. Wash hands before breaks and at the end of work. Remove immediately all contaminated clothing. Store working clothes separately. Do not use solvents or thinner.
Hands: 	Wash hands before breaks and at the end of work. Wear protective gloves if skin contact may occur (EN 374). Selection of the glove material on consideration of the penetration times, rates of diffusion and degradation (e.g. nitrile rubber, minimum layer thickness: 0.4 mm, butyl rubber (0.7 mm) or PVC (0.7 mm), for breakthrough time > 480 minutes, level 6). Do not rub eyes with dirty hands.
Eyes: 	Safety goggles with side-shields (EN 166). Eye shower.
Environmental exposure controls:	Do not disperse product residues into the environment.

SECTION 9: Physical and chemical properties.

9.1. Information on basic physical and chemical properties

General information

Appearance

Form: Liquid.
Colour: Standard colors.
Odour: Slightly irritant.
Odour threshold: Not determined.
pH-value: 7.9 - 8.1.

Change in condition

Melting point/melting range: Not determined.
Initial boiling point and boiling range: Not determined.
Flash Point: > 100 °C.
Flammability (solid, gas): Not determined.
Auto-ignition temperature: Not determined.
Explosive limits
Lower: Not determined.
Upper: Not determined.
Vapour pressure: Not determined.
Vapour density: Not determined.
Relative density: 1.155 - 1.205 (water = 1), depending on colour.
Evaporation rate: Not determined.
Solubility in/miscibility with water: Freely soluble.
Partition coefficient (n-octanol/water): Not determined.
Viscosity
Dynamic: Not determined.
Kinematic: 90 - 95 KU at 25 °C (Stormer viscometer, ASTM Method D-562).



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Explosive properties:	Not determined.
Oxidising properties:	Not determined.
9.2. Other information	
VOC content:	No VOC, but about 31 - 35% water.

SECTION 10: Stability and reactivity.

10.1. Reactivity	No specific data available.
10.2. Chemical stability	Stable under normal conditions.
Thermal decomposition/ Conditions to avoid:	No specific data available.
10.3. Possibility of hazardous reactions	No specific data available.
10.4. Conditions to avoid	Avoid high and low temperatures (loss of quality).
10.5. Incompatible materials	No specific data available.
10.6. Hazardous decomposition products	Unlikely at the recommended storage temperature and under normal conditions of use. In case of combustion: formation of toxic and corrosive gases/vapours: carbon monoxide, carbon dioxide, fume.

SECTION 11: Toxicological information.

11.1. Information on toxicological effects
 Acute toxicity from the components.
 LD/LC50 values relevant for classification:

Product information: CAS#: 55965-84-9 (source supplier)	Mixture of: 5-Chloro-2-methyl-isothiazol-3-one and 2-Methyl-2-Isithiazol-3-one (3:1)	
Oral	LD50	> 5,000 mg/kg (rat)
Inhalation	LC50 (4 h)	0.33 mg/m ³ (rat)
Dermal	LD50	> 5,000 mg/kg (rabbit)

The following health hazard assessment is based on an assessment of the various ingredients in the product.

Primary irritant effect.

Effects on the eyes: By mechanical damage (particles): irritation, redness and pain.
 Effects on the skin: Not irritating.

Chronic effects: Not classified.
 Germ cell mutagenicity: Not classified.
 Reproductive and developmental toxicity: Not classified.
 Sensitisation: Not classified.



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CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction):	Not classified.
Other information:	No further relevant information available.

SECTION 12: Ecological information.

12.1. Toxicity
 Ecotoxicity from the components.
 Aquatic toxicity:

Product information: CAS#: 55965-84-9 (source supplier)	Mixture of: 5-Chloro-2-methyl-isothiazol-3-one and 2-Methyl-2-Hisothiazol-3-one (3:1)	
Fish	LC50 (96 h)	> 0.19 mg/l (oncorhynchus mykiss)
Water flea	EL50 (48 h)	0.16 mg/l (daphnia magna, OECD 202)
Algae	ErC50 (72 h)	0.27 mg/l (selenastrum capricornutum)

The following ecological risk assessment is based on an assessment of the various ingredients in the product.

12.2. Persistence and degradability Contains inorganic components.
 12.3. Bioaccumulative potential Significant accumulation in organisms is not to be expected.
 12.4. Mobility in soil The product is (partially) soluble in water.

Further ecological information.
 General information: Water hazard class 2 (German regulation) (Self-assessment): hazardous to water. Do not discharge into groundwater, surface water or sewage system.

12.5. Results of PBT and vPvB assessment The product does not meet all of the assessment criteria for persistence, bioaccumulation and toxicity and hence is not considered to be PBT or vPvB.

12.6. Other adverse effects Not dangerous for the ozone layer.

SECTION 13: Disposal considerations.

13.1. Waste treatment methods
 Product waste: May be brought to a supervised incineration plant in compliance with local regulations. The generation of waste should be avoided or minimised wherever possible. If this is not possible, destroy in an approved incineration facility, where flue gases and other toxic combustion products are washed and neutralised. Waste, even small quantities, should never be poured down drains or discharged in surface water.
 Eural code for waste: 08 01 12. WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS),



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	<p>ADHESIVES, SEALANTS AND PRINTING INKS, wastes from MFSU of adhesives and sealants (including waterproofing products), wastes from adhesives and sealants containing organic solvents or other dangerous substances. Classified as hazardous waste.</p> <p>Depending on branch of industry and production process, also other EURAL codes may be applicable.</p> <p>Hazardous waste according to Directive 2008/98/EC.</p>
Uncleaned packaging. Recommendation:	<p>Disposal must be made according to official regulations. Empty the packaging with care. Do not contaminate soil, water or environment with the waste container. Comply with local regulations with regard to the recovery or disposal of waste.</p>
Eural code for packaging:	<p>20 01 27*. MUNICIPAL WASTES AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES INCLUDING SEPARATELY COLLECTED FRACTIONS, paints, inks, adhesives and resins containing dangerous substances. Classified as hazardous waste.</p>

SECTION 14: Transport information.

Land transport ADR/RID (cross-border).
ADR/GGVSEB class: -
Hazard identification number: -
UN number: -
Packing group: -
Label: -
Special marking: -
UN proper shipping name: -
Tunnel restriction code: -
Note: Not a dangerous good according to the transport regulations.

Inland shipping ADN/ADR.
ADN/R-class: -
UN number: -
Environmental hazards: -

Maritime transport IMDG.
IMDG-class: -
UN number: -
Label: -
Packing group: -
Maximum quantity: -
EMS number: -
Stowage and segregation: -
Marine pollutant: -
Proper shipping name: -

Air transport ICAO-TI and IATA-DGR.
ICAO/IATA-class: -



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UN number:	-
Label:	-
Packing group:	-
Proper shipping name:	-
14.1. UN number	Void.
14.2. UN proper shipping name	Void.
14.3. Transport hazard class(es)	Void.
14.4. Packing group	Void.
14.5. Environmental hazards	Void.
14.6. Special precautions for user	None.
14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Void.

SECTION 15: Regulatory information.

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture
National regulations: -

EU regulations and directives which affect this mixture (not yet directly or indirectly mentioned):

Directive 89/686/EEC	Personal protective equipment (is to be replaced from 21 April 2018 by regulation (EU) 2016/425).
Directive 98/24/EC	Risks related to chemical agents at work.
Directive 2004/42/EC	On the limitation of emissions of volatile organic compounds due to the use of organic solvents in certain paints and varnishes. VOC content: nil /low.
Decision 2010/72/EC	Non-inclusion of certain substances as biocides (CAS# 55965-84-9, product type 7 – film preservatives).
Regulation (EC) 2008/1272	On classification, labelling and packaging of substances and mixtures.
Regulation (EC) 2009/790	1st ATP of the CLP.
Regulation (EU) 2012/528	Biocides.
Regulation (EU) 2015/830	Commission regulation of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

15.2. Chemical safety assessment A chemical safety assessment has not been carried out.

SECTION 16: Other information.

List of relevant H- and EUH-phrase(s) referred to under headings 2 and 3: H301 - Toxic if swallowed.



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H311 - Toxic in contact with skin.
H314 - Causes severe skin burns and eye damage.
H317 - May cause an allergic skin reaction.
H331 - Toxic if inhaled.
H400 - Very toxic to aquatic life.
H410 - Very toxic to aquatic life with long lasting effects.
EUH210 - Safety data sheet available on request.
Aquatic Acute - Hazardous to the aquatic environment, acute.
Aquatic Chronic - Hazardous to the aquatic environment, chronic.
Acute Tox. - Acute toxicity.
Skin Corr. - Skin corrosion.
Skin Sens. - Skin sensitization.

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Version: 3.1.
Modification: According to safety data sheet legislation.

Information source: -

Classification according to Regulation (EC) No 1272/2008: Classification of the mixture based on the standard calculation method.

The purpose of this Safety Data Sheet is to describe the products in terms of their safety requirements. The data does not signify any warranty with regard to the product's properties. It is the obligation of the user to use this product with care and to act in consideration of the applicable laws and legislation.

Blackboard paint is a trademark of MagPaint Europe B.V..

Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)
ICAO: International Civil Aviation Organization
ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)
P: Marine Pollutant
GHS: Globally Harmonized System of Classification and Labelling of Chemicals
CAS: Chemical Abstracts Service (division of the American Chemical Society)
EC50: Half maximal effective concentration
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
OEL: Occupational Exposure Limit
NOEC: No Observed Effect Concentration
vPvB: Very Persistent and Very Bioaccumulative
PBT: Persistent, Bioaccumulative and Toxic substance
EWC: European Waste Catalogue



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TWA:	Time-Weighted Average, limit value associated with the MAC value
DNEL:	Derived No-Effect Level
DMEL:	Derived Minimal Effect Level
PNEC:	Predicted No-Effect Concentration