

Safety Data Sheet

Regulation (EC) No. 1907/2006 and 1272/2008

Printing date 21.01.2021

Revision: 07.01.2020

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

- **1.1 Product identifier**
 - Trade name: **Magic model multicolour - Sand**
- **Article number:**
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**
 - Application of the substance / the mixture: **Magic model multicolour - Sand**
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
Learning Resources
- **Only Representative / other EU contact point:** Not available
- **1.4 Emergency telephone number:**

National Poisons Information Service
- **1.5 Reference Number:**

SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**
The product is not classified according to the CLP regulation.
- **Information concerning particular hazards for human and environment:**
The product has to be labelled due to the calculation procedure of Regulation (EC) No. 1272/2008.
- **Classification system:**
The classification is according to the latest edition of EU Regulation (EC) No. 1272/2008, and extended by company and literature data.
- **2.2 Label elements**
 - **Labelling according to Regulation (EC) No 1272/2008** Not applicable
 - **Hazard pictograms** Not applicable.
 - **Signal word** Not applicable.
 - **Hazard statements** Not applicable.
 - **Precautionary statements** Not applicable.
 - **Additional information:**

Not applicable.
- **2.3 Other hazards** No further relevant information available.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

SECTION 3: Composition/information on ingredients

- **3.1 Mixtures**
- **Description:**
Mixture of substances listed below with nonhazardous additions.
For the wording of the listed hazard statements refer to Section 16.

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No.	Chemical Names	INCI / CAS / CI NO	BLACK 6C	Blue PMS 801	BRIGHT RED C	YELLOW C	PMS 806C Fluorescent Pink	Orange PMS 804C	Green PMS 2290C	PMS PURPLE C
			%	%	%	%	%	%	%	%
1	Glass-Bead (60-80 mesh)	60676-86-0 / 262-373-8	85.07	85.138	85.125	85.125	85.122	85.1	85.118	85.13
2	ethyl acetate	141-78-6	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
3	Copolymer of vinyl acetate + crotonic acid	25609-89-6	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
4	Polypropylene glycol	25322-69-4	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
5	Glycerol Tristearate	555-43-1	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
6	PV Fast Yellow HR 02-CN09	C.I. Pigment Yellow 83	0.035	—	—	0.035	—	0.025	0.007	—
7	Novoperm Red F5RK-CN09	C.I. Pigment Red 170	0.03	—	0.035	—	0.035	0.035	—	—
8	Hostaperm Blue B2G	C.I. Pigment Blue 15:3	0.025	0.022	—	—	—	—	—	—
9	Hostaperm Violet RL Spec	6358-30-1 / C.I. Pigment Violet 23	—	—	—	—	0.003	—	—	0.03
10	Hostaperm Green GNX	1328-53-6 / C.I. Pigment Green 7	—	—	—	—	—	—	0.035	—
11	1,2-Pentanediol	5343-92-0	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035

SECTION 4: First aid measures

4.1 Description of first aid measures

- **General information:** No special measures required.
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:** Immediately rinse with water.
- **After eye contact:** Rinse opened eye for several minutes under running water.
- **After swallowing:** If symptoms persist consult doctor.

4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available.

4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents:** Use fire extinguishing methods suitable to surrounding conditions.
- **For safety reasons unsuitable extinguishing agents:** Not available
- **5.2 Special hazards arising from the substance or mixture** No further relevant information available.
- **5.3 Advice for firefighters**
- **Protective equipment:** No special measures required.

SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**
Use Personal Protective equipment recommended in section 8.
- **6.2 Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **6.3 Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
- **6.4 Reference to other sections**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.

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See Section 13 for disposal information.

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SECTION 7: Handling and storage

- **7.1 Precautions for safe handling**
No special measures required.
For the general occupational hygienic measures refer to Section 8.
- **Information about fire - and explosion protection:** No special measures required.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** None.
- **7.3 Specific end use(s)** No further relevant information available.

SECTION 8: Exposure controls/personal protection

· 8.1 Control parameters

· **Ingredients with limit values that require monitoring at the workplace:**

122-99-6 2-Phenoxyethanol (0.45%)

AGW (Germany)	Long-term value: 110 mg/m ³ , 20 ppm 2(I);DFG, H, Y, 11
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- **Regulatory information** AGW (Germany): TRGS 900
- **DNELs** Not available
- **PNECs** Not available
- **Additional information:** The lists valid during the making were used as basis.
- **8.2 Exposure controls**
Based on the composition shown in section 3, the following measures are suggested for occupational safety measure.
- **Appropriate engineering controls** See section 7 for information about design of technical facilities.
- **Personal protective equipment:**
- **Respiratory protection:** Not required.
- **Protection of hands:**



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

· **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

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· **Eye protection:**

Tightly sealed goggles

Goggles recommended during refilling

· **Environmental exposure controls:**

Control measures must be made in accordance with Community environmental protection legislation.

SECTION 9: Physical and chemical properties

· **9.1 Information on basic physical and chemical properties**· **Appearance:**

Form: Sand & Short graine
Colour: Colored grains of Sand
Odour: Odourless

· **Odour threshold:** Not available
 · **pH-value:** Not available

· **Change in condition**

Melting point/freezing point: Not available
Initial boiling point and boiling range: Not available

· **Flash point:** Not available· **Flammability (solid, gas):** Not applicable.· **Auto-ignition temperature:** Not available· **Decomposition temperature:** Not available· **Self-igniting:** Not available· **Explosive properties:** Not available· **Explosion limits:**

Lower: Not available
Upper: Not available

· **Oxidizing properties:** Not available· **Vapour pressure:** Not available· **Density:** 2.105 – 2.35 g/cm³· **Relative density:** Not available· **Vapour density:** Not available· **Evaporation rate:** Not available

· **Solubility in / Miscibility with water:**

Soluble.

· **Partition coefficient: n-octanol/water:** Not available· **Viscosity:**

Dynamic: Not available
Kinematic: Not available

· **9.2 Other information** No further relevant information available.

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SECTION 10: Stability and reactivity

- **10.1 Reactivity** No decomposition if used according to specifications.
- **10.2 Chemical stability** Stable under recommended storage conditions.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known.
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:** No dangerous decomposition products known.

SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity** Based on available data, the classification criteria are not met.

· LD/LC50 values relevant for classification:

122-99-6 2-Phenoxyethanol

Oral	LD50	3,260 mg/kg (rat)
Dermal	LD50	14,422 mg/kg (rat)
		5,000 mg/kg (rabbit)

3734-33 -6 Denatonium benzoate

Oral	LD50	2584 mg/kg (rat)
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- **Skin corrosion/irritation** Based on available data, the classification criteria are not met
- **Serious eye damage/irritation** Based on available data, the classification criteria are not met.
- **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- **Carcinogenicity** Based on available data, the classification criteria are not met.
- **Reproductive toxicity** Based on available data, the classification criteria are not met.
- **STOT-single exposure** Based on available data, the classification criteria are not met.
- **STOT-repeated exposure** Based on available data, the classification criteria are not met.
- **Aspiration hazard** Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **12.2 Persistence and degradability** No further relevant information available.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Other adverse effects** No further relevant information available.
- **12.7 Additional ecological information:** No further relevant information available

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SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation:** Small quantities can be disposed of with household waste.
- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

SECTION 14: Transport information

- | | |
|--|----------------|
| · 14.1 UN-Number | |
| · ADR/RID/ADN, IMDG, IATA | Not applicable |
| · 14.2 UN proper shipping name | |
| · ADR/RID/ADN, IMDG, IATA | Not applicable |
| · 14.3 Transport hazard class(es) | |
| · ADR/RID/ADN, IMDG, IATA | |
| · Class | Not applicable |
| · Label | Not applicable |
| · 14.4 Packing group | |
| · ADR/RID/ADN, IMDG, IATA | Not applicable |
| · 14.5 Environmental hazards: | |
| Not applicable. | |
| · 14.6 Special precautions for user | |
| Not applicable. | |
| · EMS Number: | |
| Not applicable | |
| · 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code | |
| Not applicable. | |
| · 14.8 Transport/Additional information: | |
| Not dangerous according to the above specifications. | |
| · UN "Model Regulation": | |
| Not applicable | |

SECTION 15: Regulatory information

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

- **MAK (German Maximum Workplace Concentration)**

None of the ingredients is listed.

- **Directive 2012/18/EU**
- **Seveso category** Not applicable
- **Qualifying quantity (tonnes) for the application of lower-tier requirements** Not applicable
- **Qualifying quantity (tonnes) for the application of upper-tier requirements** Not applicable

- **National regulations:**

- **Waterhazard class:** Water hazard class 1 (Self-assessment): slightly hazardous for water.

- **Other regulations, limitations and prohibitive regulations**

- **SVHC Candidate List of REACH Regulation Annex XIV Authorisation (7/7/2017)**

None of the ingredients is listed.

- **REACH Regulation Annex XVII Restriction (13/6/2017)**

See Section 16 for information about restriction of use.

None of the ingredients is listed.

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· **REACH Regulation Annex XIV Authorisation list (13/6/2017)**

None of the ingredients is listed.

· **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

· **Relevant hazard statements**

H302 Harmful if swallowed.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H412 Harmful to aquatic life with long lasting effects.

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The contents and format of this SDS are in accordance with Regulation (EC) No 1907/2006, 1272/2008 and Regulation (EU) No 2015/830.

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· **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)

IMDG: International Maritime Code for Dangerous

Goods IATA: International Air Transport Association

EINECS: European Inventory of Existing Commercial Chemical

Substances ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration

(REACH) LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

SVHC: Substances of Very High Concern vPvB:

very Persistent and very Bioaccumulative Acute

Tox. 4: Acute toxicity – Category 4

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

Skin Sens. 1: Skin sensitisation – Category 1

Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

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