



SAFETY DATA SHEET

Safety data sheet according to (EC) No. 1907/2006

The Safety data sheet is prepared by a Danish Consultant Company that has made a toxicological evaluation of all components in the mixture.

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

1.1. Product identifier:

Greenspot Colormix 2500.

1.2. Relevant identified uses of the substance or mixture and uses advised against:

Waterbased acrylic colour for hobby use.

1.3. Details of the supplier of the safety data sheet:

Schjerning Farver A/S

Østerallé 21

Tel: +45 86 34 22 11 (Directly Schjerning)

8400 Ebeltoft

Denmark

Responsible person for the safety data sheet (e-mail): jb@schjerning.dk

1.4. Emergency telephone number:

+45 86 34 22 11 (Directly Schjerning - within office hours)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture:

Schjerning has concluded that the mixture is not to be classified according to CLP (1272/2008).

2.2. Label elements:

None.

2.3. Other hazards: None known.

PBT/vPvB: No ingredients are PBT/vPvB, according to the criteria in REACH Annex XIII.

SECTION 3: Composition/information on ingredients

3.2. Mixtures:

Product description: Acrylic copolymer mixture containing water, preservative and the following declarable pigments: Carbon black (CAS:1333-86-4).

SECTION 4: First-aid measures

4.1. Description of first aid measures:

Inhalation: By normal use there is little danger of inhaling the product.

Skin contact: If larger amounts are spilled on skin: Flush and wash skin with water and mild soap. Never wash with organic solvents.

Eye contact: Flush with water or physiological saltwater, holding eye lids open, remember to remove contact lenses, if any. If irritation persists: Seek medical advice.

Ingestion: Rinse mouth and drink plenty of water. Keep at rest. In case of discomfort: Get medical attention.

4.2. Most important symptoms and effects, both acute and delayed:

May cause slight irritation of skin, eyes, lungs and gastrointestinal tract. May cause irritation by prolonged contact with skin.

4.3. Indication of any immediate medical attention and special treatment needed:

Show this safety data sheet to a physician or emergency ward.



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SECTION 5: Fire-fighting measures

5.1. Extinguishing media:

Against surrounding fire: CO₂, powder, water haze, foam.

5.2. Special hazards arising from the substance or mixture:

The product is not combustible. Do not breathe smoke gasses from surrounding fire.

5.3. Advice for firefighters:

When extinguishing surrounding fires use breathing apparatus with an independent source of air.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures:

Use gloves of rubber when spill is wiped up –see section 8. Ventilate area of spill.

6.2. Environmental precautions:

Do not empty into drains – see section 12.

6.3. Methods and material for containment and cleaning up:

Wipe up spillage, etc. with paper towels. Use wet towels to finish cleaning up. Further handling of spillage - see section 13.

6.4. Reference to other sections:

See references above.

SECTION 7: Handling and storage

7.1. Precautions for safe handling:

Avoid contact with skin, eyes and clothing. Close container after use to avoid spillage.

7.2. Conditions for safe storage, including any incompatibilities:

Store in a well-closed original container, dry and in a well-ventilated room. Keep non-freezing and protected from sunlight.

7.3. Specific end use(s):

See section 1.

SECTION 8: Exposure controls/Personal protection

8.1. Control parameters:	Substance name	8-hour TWA	15-min STEL
Occupational exposure limits:	Carbon black	3.5 mg/m ³	7 mg/m ³
DNEL/PNEC:	No CSR.		

8.2. Exposure controls:

Appropriate engineering controls: None particular.

Personal protective equipment:

Inhalation: Respiratory equipment is normally not required.

Skin: To avoid colour on clothing an apron can be used.

Eyes: Safety goggles when there is risk of splashes.

Environmental exposure controls: None particular.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties:

Appearance:	Viscous liquid in different colours
Odour:	Mild
Odour threshold:	No available data
pH:	8.0
Melting point / freezing point (°C):	No available data



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Initial boiling point and boiling range (°C):	No available data
Decomposition temperature (°C):	No available data
Flash point (°C):	No available data
Evaporation rate:	No available data
Flammability (solid, gas):	No available data
Upper/lower flammability or explosive limits (vol-%):	No available data
Vapour pressure (mbar, 25°C):	No available data
Vapour density (air=1):	No available data
Relative density (g/ml):	> 1
Solubility:	Completely soluble in water
Partition coefficient: n-octanol/water, Log K _{ow} :	No available data
Auto-ignition temperature (°C):	No available data
Viscosity:	No available data
Explosive properties:	Not relevant
Oxidising properties:	Not relevant
9.2. Other information:	
VOC (g/l)	No available data

SECTION 10: Stability and reactivity

10.1. Reactivity:

No available data.

10.2. Chemical stability:

Stable under normal conditions (see section 7).

10.3. Possibility of hazardous reactions:

None known.

10.4. Conditions to avoid:

Excessive heating.

10.5. Incompatible materials:

May react with oxidising agents.

10.6. Hazardous decomposition products:

In case of extensive heating the mixture may form hazardous decomposition product such as oxides of carbon.

SECTION 11: Toxicological information

11.1. Information on toxicological effects:

The mixture does not contain substances that are declarable.

Information on likely routes of exposure: Skin and ingestion.

Symptoms:

Inhalation: Inhalation is unlikely by normal use.

Skin: May cause irritation by prolonged contact with skin.

Eyes: May cause irritation with redness.

Ingestion: May cause irritation of the gastrointestinal tract, nausea, vomiting and headache.

Chronic effects: The mixture is added a small amount of preservative, which can cause sensitisation. The used concentration is below the lowest EC classification limit. It can not be ruled out that very sensitive persons can develop allergy to the preservatives.

SECTION 12: Ecological information

The mixture does not contain substances that are declarable.

12.1. Toxicity:



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No available or applicable data.

12.2. Persistence and degradability:

No available or applicable data.

12.3. Bioaccumulative potential:

No available or applicable data.

12.4. Mobility in soil:

No available or applicable data.

12.5. Results of PBT and vPvB assessment:

No ingredients are PBT/vPvB, according to the criteria in REACH Annex XIII.

12.6. Other adverse effects:

None known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods:

The mixture is to be considered as non-hazardous waste. Disposal should be according to local, state or national legislation. Dispose of through authority facilities or pass to chemical disposal company.

EWC-code: 20 01 28 (mixture itself) and 15 02 03 (Paper towel, inert material etc. contaminated with the mixture)

SECTION 14: Transport information

Not dangerous goods according to ADR/RID.

14.1. UN-no.: None.

14.2. UN proper shipping name: None.

14.3. Transport hazard class(es): None.

14.4. Packing group: None.

14.5. Environmental hazards: None.

14.6. Special precautions for user: None.

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code: Not relevant.

SECTION 15: Regulatory information

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

None.

Chemical Safety Assessment:

No CSR.

SECTION 16: Other information

Hazard statements mentioned in section 2 and 3:

None.

Abbreviations:

CMR = Carcinogenicity, mutagenicity and reproductive toxicity.

CSR = Chemical Safety Report



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DNEL = Derived No-Effect Level

PBT = Persistent, Bioaccumulative, Toxic

PNEC = Predicted No-Effect Concentration

vPvB = very Persistent, very Bioaccumulative

Literature:

EPA Ecotox = The US Environmental Protection Agency's database on ecotoxicological effects for chemicals.

RTECS = Register of Toxic Effects of Chemical Substances.

Training advice:

No special training is required. However, the user should be well instructed in the execution of his/her task, be familiar with this Safety Data Sheet and have normal training in the use of personal protective equipment.

Changes since the previous edition:

Not relevant.

