Prepared: 22.09 2016
Replaces: 03.06 2015

Material 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.

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1	**Product identifier**: Art Metal, Silk Royal, Gutta, Batik Liquid	
1.2	**Relevant identified uses of the substance or mixture and uses advised against:**	Waterbased acrylic colour/glue/varnish for hobby use.
1.3	**Details of the supplier of the safety data sheet:**	Schjerning Farver A/S Østerallé 21, 8400 Ebeltoft , Denmark Tel: +45 86 34 22 11 (Directly Schjerning) Responsible person for the safety data sheet (e-mail): jb@schjerning.dk
1.4	**Emergency telephone number:**	+45 86342211 (Directly Schjerning – within office hours)

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:**	Contains Isothiazolinone. May produce an allergic reaction.
2.3	**Other hazards:**	None known. PBT/vPvB: No ingredients are PBT/vPvB, according to the criteria in REACH Annex XIII.

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).

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 salt water, 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.	

5. FIRE-FIGHTING MEASURES

5.1	**Extinguishing media:**	Against surrounding fire: Do not use water – use water, dry chemical or 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.

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.

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.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters:

Occupational exposure limits:	Carbon black
8-hour TWA	3.5 mg/m3
15-min STEL	7 mg/m3
DNEL/PNEC:	No CSR.

8.2 Exposure 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.

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
		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 Kow:	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

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.

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.

12. ECOLOGICAL INFORMATION

The mixture does not contain substances that are declarable.

12.1	**Toxicity:**	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.

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)

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

15. REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture:	None
Chemical Safety Assessment:	No CSR

16. OTHER INFORMATION

Hazard statements mentioned in section 2 and 3:	Ingen
Abbreviations:	CMR = Carcinogenicity, mutagenicity and reproductive toxicity. CSR = Chemical Safety Report 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.