

SDS Report

Sample Name : WATER BASED CORRECTION FLUID , WATER BASED
CORRECTION PEN

Item No. : HY-602, HY-641

End Uses : Office and stationery

Composition/ Ingredient of
Sample (as per client submission) : See Section 3 Composition/information on ingredients
on the SDS report

Job Receiving Date : Jan 06, 2023

Last Information Date : Jan 12, 2023

SDS Preparation Period : Jan 06 - Apr 12, 2023

Service Requested : Preparation of Safety Data Sheet (SDS) for the sample
with submitted information.

Summary : As per request, the contents and formats of the SDS are
prepared in accordance with European (EC) No
1907/2006 and Regulation (EU) No 2015/830, and is
provided per attached.

Remark:

This SDS is created on the basis of the evaluation of liquid
in product.

Safety data sheet
Regulation (EC) No.1907/2006 and 1272/2008
Version number 1

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

1.1 Product identifier

Trade name: WATER BASED CORRECTION FLUID , WATER BASED CORRECTION PEN

1.2 Relevant identified uses of the substance or mixture and uses advised against
Application of the substance/ the mixture : office and stationery

1.3 Details of the supplier of the safety data sheet
Manufacturer/Supplier:

-

Only Representative/other EU contact point :Not available
Further information obtainable from:

1.4 Emergency telephone number:

1.5 Remark: This SDS is created on the basis of the evaluation of liquid in product.

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 not to be labeled due to the calculation procedure of Regulation 1272/2008/EC.

Classification system:

The classification is according to the latest edition of EU Regulation 1272/2008/EC, and extended by company and literature data.

2.2 Label elements

Labeling according to Regulation (EC) No 1272/2008 Not applicable

The product is classified and labeled according to CLP Regulation.

Hazard pictograms Not applicable

Signal word Not applicable

Hazard-determining components of labeling: Not applicable

Hazard statements Not applicable

Precautionary statements Not applicable

2.3 other hazards

Results of PBT and vPvB assessment

PBT: Not applicable

vPvB : Not applicable

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Description:

Mixture of the substances listed below with nonhazardous additions.

Composition:		
CAS: 13463-67-7 EINECS: 236-675-5	Titanium dioxide Substance with a Community workplace exposure limit	42.0%
CAS: 7732-18-5 EINECS: 231-791-2	water	38.0%
CAS: 9003-01-4	2-Propenoic acid, Homopolymer	20.0%

Remark:

All ingredients listed above are not classified according to EU Regulation 1272/2008/EC

2-Propenoic acid, Homopolymer (CAS No. 9003-01-4)

Synonym: polyacrylic acid

SECTION 4: First aid measures

4.1 Description of first aid measures

After inhalation: Supply fresh air; consult doctor in case of complaints.

After skin contact:

Wash with water and soap and rinse thoroughly.

If skin irritation continues, consult a doctor.

After eye contact:

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

After swallowing:

Rinse out mouth with water.

Never give anything by mouth to an unconscious person.

Seek medical treatment.

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.

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SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing agents:

CO₂ , powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

5.2 Special hazards arising from the substance or mixture No further relevant information available.

5.3 Advice for firefighters

Protective equipment:

Wear fully protective suit.

Mouth respiratory protective device.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation.

Use respiratory protective device against the effects of fumes/dust/aerosol.

Avoid contact with eyes.

Avoid contact with skin.

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).

Dispose contaminated material as waste according to item 13.

6.4 Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Ensure good ventilation/exhaustion at the workplace.

Keep receptacles tightly sealed.

Keep away from heat and direct sunlight.

Prevent formation of aerosols.

Avoid contact with skin and eyes.

For the general occupational hygienic measures refer to section 8.

Information about fire - and explosion protection: Normal measures for preventive fire protection.

7.2 Conditions for safe storage, including any incompatibilities:

Requirements to be met by storerooms and receptacles:

Store in a cool location.

Store only in the original receptacle.

Information about storage in one common storage facility:

Store away from foodstuffs.

Further information about storage conditions:

Store in cool, dry conditions in well sealed receptacles.

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:

13463-67-7titanium dioxide (42,0%)

AGW (Germany) Long-term value: $1,25 \cdot 10 \text{ mg/m}^3$
2(II); *alveolengangig**einatembar

VME (France) Long-term value: 10 mg/m^3

WEL(Great Britain) Long-term value: $10 \cdot 4 \text{ mg/m}^3$
*total inhalable**respirable

DNELs:Data not available

PNECs:Data not available

Additional information:The lists valid during the making were used as basis.

8.2 Exposure controls

Based on 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: Suitable respiratory protective device recommended.

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.

• Eye protection:

Tightly sealed goggles

• 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:	Liquid
Colour:	White
• Odour:	Weak odor
• Odour threshold:	Data not available.
• pH-value:	Data not available.
• Change in condition	
Melting point/freezing point:	Data not available.
Initial boiling point and boiling range:	Data not available
Freezing point :	Data not available
• Flash point:	Data not available
• Flammability (solid, gas):	Not applicable
• Auto-ignition temperature:	Data not available
• Decomposition temperature:	Date not available.
• Auto-ignition temperature:	Product is not selfigniting.
• Explosive properties:	Product does not present an explosion hazard
• Explosion limits:	
Lower:	Data not available.
Upper:	Data not available.
• Oxidising properties	Data not available
• Vapour pressure:	Data not available.
• Density:	Data not available.
• Relative density	Data not available.
• Vapour density	Data not available.
• Evaporation rate	Data not available.
• Solubility in / Miscibility with water:	Data not available
• Partition coefficient: n-octanol/water:	Data not available.
• Viscosity:	
Dynamic:	Data not available.
Kinematic at 40 degrees Celsius	Data not available.
• 9.2 Other information	No further relevant information available.

SECTION 10: Stability and reactivity

- 10.1 Reactivity No decomposition if used according to specification.
- 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:		
13463-67-7 titanium dioxide		
Oral	LD50	>20000 mg/kg (rat)
Dermal	LD50	>10000 mg/kg (rabbit)
13463-67-7 titanium dioxide		
Oral	LD50	4600 mg/kg (mouse) 2500 mg/kg (rat)

- **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:**• General notes:**

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water
Do not allow product to reach ground water, water course or sewage system.

SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation** Smaller 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/AND/IMDG/IATA	Not applicable
• 14.3 Transport hazard class(es)	
• ADR/RID/ADN, IMDG, IATA	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
• 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":	-
• 14.9 IMO/IMDG	Not regulated

SECTION 15: Regulatory information**• 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture****• MAK (German Maximum Workplace Concentration)**

13463-67-7 titanium dioxide

3A

• Directive 2012/18/EU**• Named dangerous substances - ANNEX I** None of the ingredients is listed.**Natioal 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 (12/1/2017)**

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.

• REACH Regulation Annex XIV Authorization 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

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

DISCLAIMER OF LIABILITY

The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.

• 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

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

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

vPvB: very Persistent and very Bioaccumulative

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