

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

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**SECTION 1: Identification of the substance/mixture and the company/undertaking****1.1. Product identifier**

Sharpie Chalk Markers MED

**Colors**

White(W), Blue(F/BL), Green(F/G), Bright Yellow(F/Y)

Orange(F/OR), Violet(F/V), Red(F/R) GW-5: 7colors

**1.2. Relevant identified uses of the substance or mixture and uses advised against****Use of the substance/mixture**

Water based pigment ink.

**1.3. Details of the supplier of the safety data sheet****Company name:** TAISEI CO., LTD.**Address:** 986-1, 2-CHOME, YASHIO CITY, SAITAMA PREF. 340-0811, JAPAN**Tel:** (81) 48-996-9503**Fax:** (81) 48-997-1245**1.4. Emergency telephone number**

(81) 48-996-9503

**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****Regulation (EC) No.1272/2008**

Eye Irrit. 2	STOT SE 1
Skin Sens. 1	STOT RE 2
Acute Tox. 4	Aquatic Chronic 4

**2.2. Label elements****Regulation (EC) No.1272/2008****Hazard pictograms**

GHS07, GHS08

**Signal word**

Danger

**Hazard statements**

H302	Harmful if swallowed.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H370	Causes damage to organs.
H373	May cause damage to organs through prolonged or repeated exposure.
H413	May cause long lasting harmful effects to aquatic life.
EUH208	Contains biocides. May produce an allergic reaction.

**Precautionary statements**

P260	Do not breathe dust/fume/gas/mist/vapours/spray.
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P264	Wash hands thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.

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P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P314	Get medical advice/attention if you feel unwell.
P321	Specific treatment.
P330	Rinse mouth.
P363	Wash contaminated clothing before reuse.
P301+310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P302+352	IF ON SKIN: Wash with plenty of soap and water.
P305+351+338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P307+311	IF exposed: Call a POISON CENTER or doctor/physician.
P333+313	If skin irritation or rash occurs: Get medical advice/attention.
P337+313	If eye irritation persists: Get medical advice/attention.
P405	Store locked up.
P501	Dispose of contents/container to send licensed recycler or licensed collector of scrap items in accordance with local/regional/national/international regulation.

**2.3. Other hazards**

no data available.

**SECTION 3: Composition/information on ingredients****3.1. Substances**

Not applicable. The product is not a substance.

**3.2. Mixtures****Chemical characterization**

Mixture (preparation)

**Ingredients**

<u>Chemical name</u>	<u>wt · % Conc</u>	<u>Classification</u>	<u>Description</u>	<u>Cas/EINECS</u>
Pigment base	60-90	Eye Irrit. 2 Skin Sens. 1 STOT SE 1 Aquatic Chronic 4	H317, H319, H370, H413 EUH208	-
Ethylene glycol	0-2	Acute Tox. 4 STOT RE 2	H302, H373	107-21-1 203-473-3
Water	residual part	-	-	7732-18-5 231-791-2

**3.3. Other information**

none

**SECTION 4: First aid measures****4.1. Description of first aid measures****General information**

In all cases of doubt, or when symptoms persist, seek medical advice.

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**After inhalation**

Remove from exposure, rest and keep warm. In severe cases, seek medical attention.

**After contact with skin**

Drench the skin with plenty of water. Remove contaminated clothing and wash before reuse. If irritation persists seek medical attention.

**After contact with eyes**

Irrigate thoroughly with water for at least 10 minutes. Obtain medical attention.

**After ingestion**

Wash out mouth with water. Do not induce vomiting. If patient is conscious, give water to drink. Seek immediate medical attention.

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

No information available.

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

Treat symptomatically.

**SECTION 5: Firefighting measures****5.1. Extinguishing media****Suitable extinguishing media**

Dry chemical, Foam or water jet.

**5.2. Special hazards arising from the substance or mixture**

n. a.

**5.3. Advice for firefighters**

Self contained breathing apparatus.

**Additional information**

n. a.

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

Wear appropriate PPE - See section 8

**6.2. Environmental precautions**

Do not allow material to contaminate sewers.

**6.3. Methods and material for containment and cleaning up**

Wipe off with dust cloth and transfer into suitable drum or can.

Hold for waste disposal. Wash spill site with plenty of water.

**6.4. Reference to other sections**

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

**SECTION 7: Handling and storage****7.1. Precautions for safe handling****Advice on safe handling**

Avoid skin and eye contact. Close cap after used. Avoid spillages.

**Advice on protection against fire and explosion**

Storage conditions; Cool, below 35°C, dry

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**7.2. Conditions for safe storage, including any incompatibilities****Requirements for storage rooms and vessels**

Close cap after used. Avoid spillages.

**Advice on storage compatibility**

No special measures are necessary.

**Further information on storage conditions**

Keep in a cool, well-ventilated place. Storage temperature: below 35°C

**7.3. Specific end use(s)**

Marker

**SECTION 8: Exposure controls/personal protection****8.1. Control parameters**

Exposure limits: n. d.

**8.2. Exposure controls****Protective and hygiene measures**

Always wash thoroughly after handling chemicals.

**Eye/face protection**

Safety goggles.

**Hand protection**

PVC or butyl rubber gloves.

**Skin protection**

Overalls and boots.

**Respiratory protection**

Wear self contained breathing apparatus.

**SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties**

Physical state: Colored ink

Odor: Slightly

pH-value: n. d.

**Changes in the physical state**

Boiling Point/range: 100-110°C

Freezing Point/range: &lt;0°C

Flash Point: n. a.

Auto-ignition temperature: n. a.

Explosive limits: n. a.

Vapor Pressure: n. d.

**9.2. Other information**

Relative density: 1.0-1.4

Solubility in water: Miscible

Solubility in solvent: Soluble in alcohol slightly.

**SECTION 10: Stability and reactivity****10.1. Reactivity**

No hazardous reaction when handled and store according provisions.

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**10.2. Chemical stability**

Stable under normal conditions.

**10.3. Possibility of hazardous reactions**

No known hazardous reactions.

**10.4. Conditions to avoid**

Heat, high temperature and fire sources.

**10.5. Incompatible materials**

Oxidizing agents.

**10.6. Hazardous decomposition products**CO, CO<sub>2</sub>, NO<sub>x</sub>**SECTION 11: Toxicological information****11.1. Information on toxicological effects**

Low acute oral toxicity, however ingestion may cause systemic effects such as damage liver and kidneys which may become apparent later.

High vapor concentrations are irritating to mucous membranes and the respiratory tract.

Slight to moderate eye and skin irritant.

No reported evidence of carcinogenic, mutagenic or adverse reproductive effects.

**SECTION 12: Ecological information****12.1. Toxicity**

n. d.

**12.2. Persistence and degradability**

n. d.

**12.3. Bioaccumulative potential**

n. d.

**12.4. Mobility in soil**

The product has not been tested.

**12.5. Results of PBT and vPvB assesment**

The product has not been tested.

**12.6. Other adverse effects**

No information available.

**Further information**

Avoid release to the environmens.

**SECTION 13: Disposal considerations****13.1. Waste treatment methods****Advice on disposal**

Dispose of waste according to applicale legislation.

**Contaminated packaging**

Used containers must not be cut up or punctured until completely purged of product residues.

**SECTION 14: Tranceport information****14.1. Unnumber:** n. a.**14.2. UN proper shipping name:** n. a.**14.3. Transport hazard class(es):** n. a.

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- 14.4. Packaging group:** n. a.  
**14.5. Environmental hazards** n. a.  
**14.6. Special precautions for user** No information available.  
**14.7. Transport in bulk according to Annex II of Marpol and IBC Code**  
not applicable

**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

No information available.

**15.2. Chemical safety assessment**

Chemical safety assessment for substances in this mixture were not carried out.

The information contained in this data sheet does not constitute an assessment of workplace risks.

**SECTION 16: Other information****Identified uses**

Marking pen ink.

**Further information**

The above information is based on the present state of our knowledge of the product at the time of publication. It is given in good faith, no warranty is implied with respect to the quality or the specification of the product.

The user must satisfy himself that the product is entirely suitable for his purpose.

The data for the hazardous ingredients were taken respectively from the sub-contractor's safety data sheet.

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