

The following SDS references the products below:

*Pump Action Removable Water-Base Markers*

*Vendor Item Number: 7001*

Manufactured By:

*SKM Industries Inc.*

Distributed by Kimball Midwest with the KM product-  
identification number:

*83-1530*





# Safety Data Sheet

Issuing Date: November 20, 2014

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Revision Number: 2

## 1. Identification of the Substance/Preparation and the Company Undertaking

### GHS Product Identifier

**Product Name** Pump Action Removable Water-Base Markers - White and Colored

### Other Means of Identification

**Part Number** Bulk Stock: 7001 series

Carded Stock:  
07101 White, 07108 Yellow, 07109 Black, 07110 Red, 07111 Blue, 07112 Green, 07113 Orange, 07114 Neon Yellow, 07115 Neon Red, 07116 Neon Orange

**Formula Code** SKM108

**Synonyms** none

### Recommended use of the chemical and restrictions on use

**Recommended Use** Marker

**Uses Advised Against** No information available

### Supplier's Details

#### **Supplier Address**

SKM Industries Inc.  
1012 Underwood Road  
Olyphant, Pa 18447  
Telephone: 570-383-3062

### Emergency Telephone Number

Chemtrec US 800-424-9300 International 703-527-3887

## 2. HAZARDS IDENTIFICATION

### Label Elements

No signal word  
Not classified

### Precautionary Statements

P102 – Keep out of reach of children  
P101 – If medical advice is needed, have product container or label at hand.  
P262 – Do not get in eyes, on skin, or on clothing.  
P273 – Avoid release to the environment

### Supplementary Information:

EUH 208 – Contains 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2 H-isothiazol-3-one and 2-octyl-2H-isothiazol-3-one, May produce an allergic reaction

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

**Substance/mixture** Mixture

Substance meets the criteria for PBT according to Regulation (EC) No. 1907/2006, Annex XIII  
 Substance meets the criteria for vPvB according to Regulation (EC) No. 1907/2006, Annex XIII

Name	Conc.Range %	Symbol	H Phrases*	EC No
Propan-1,2-diol	1 – 10%			20-338-0

Information on ingredients related to EU Regulation 528/2012 Article 58 (Treated Articles)

Name	Concentration	Symbol	H Phrases	EC No
Pyrrithione Zinc	<60ppm		Acute tox 3, H301; Eye dam 1, H318 Aquatic acute 1, H400; Acute tox 4, H332; Skin irrit 2, H315	247-761-7
2-octyl-2H-isothiazol-3-one	<50ppm		H332, H314, H317, H400	613-112-00-5
3-iodo-2-propynyl-butylcarbamate	<300ppm		Eye dam 1, H318; Aquatic acute 1, H400; Acute tox 4, H302; Acute tox 4, H332; Skin sens 1, H317; STOT SE3, H335	259-627-5
5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2 H-isothiazol-3-one	<15ppm		Acute tox 3, H301, H311, H331; skin corr 1B, H314, aquatic acute 1, H400; aquatic chronic 1, H410; skin sens 1, H317	611-341-5

\*see section16 for full text

### 4. FIRST AID MEASURES

#### Description of necessary first-aid measures

<b>General Advice</b>	In case of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.
<b>Inhalation:</b>	Remove to fresh air, keep patient warm and at rest. If breathing is irregular or has stopped, administer artificial respiration. Give nothing by mouth. If unconscious place in recovery position and seek medical advice
<b>Eye Contact</b>	Remove contact lenses. Irrigate copiously with clean, fresh water for at least ten minutes, holding the eyes apart, and seek medical advice.
<b>Skin Contact</b>	Remove contaminated clothing. Wash skin thoroughly with soap and water

or use a proprietary skin cleanser. Do NOT use solvent or thinners.

**Ingestion** If accidentally swallowed, obtain immediate medical attention. Keep at rest. Do not induce vomiting.

## 5. FIRE-FIGHTING MEASURES

**Extinguishing media:** Use an extinguishing agent suitable for the surrounding fire.

**Unsuitable extinguishing media:** None known.

**Recommendations:** Fire will produce dense black smoke containing hazardous products of combustion (see section 10). Exposure to decomposition products may be a hazard to health. Appropriate self-contained breathing apparatus may be required. Cool closed containers exposed to fire with water spray. Do not allow water run-off from firefighting to enter drains or water courses.

## 6. ACCIDENTAL RELEASE MEASURES

Exclude sources of ignition and ventilate the area. Exclude non essential personnel. Avoid breathing vapours. Refer to protective measures listed in section 7 and 8. Contain the spillage with non combustible absorbent materials eg. Sand, earth, vermiculite, diatomaceous earth and place in a suitable container for disposal in accordance with the waste regulations (see section 13). Do not allow to enter drains or watercourses. Clean, preferably with detergent: avoid use of solvents. If the product enters drains or sewers, immediately contact the local water company; in case of contamination of streams, rivers or lakes, the relevant environment agency.

## 7. HANDLING AND STORAGE

**Handling** Keep the container tightly closed. Exclude sources of heat, sparks and open flame. Non sparking tools should be used. Avoid skin and eye contact. Avoid the inhalation of vapour and mist. For Occupational Exposure Control measures, see section 8.

Never use pressure to empty: the container is not a pressure vessel. Always use containers the same as the supply container.

(The Manual Handling Operations Regulations may apply to the handling of containers of this product)

**Storage** Observe label precautions. Store between 5deg and 25deg C in a dry, well ventilated place away from sources of heat, ignition or direct sunlight. No smoking. Prevent unauthorised access. Containers which are opened should be properly resealed and kept upright to prevent leakage. Store separately from oxidising agents and strongly alkaline or acidic materials.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Exposure controls** Provide adequate ventilation. Where reasonably practical, this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of solvent vapour and/or particulates below the relevant occupational Exposure Limit Values, suitable respiratory protection must be worn.

**Exposure Limit Values** Components with critical values that require monitoring in the workplace.

Substance	STD	TWA <sup>(1)</sup>	STEL <sup>(2)</sup>	Notations
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		ppm	mg.m <sup>-3</sup> (4)	ppm	mg.m <sup>-3</sup> (4)	
Respirable particulates			5 (OEL)			
Total inhalable particulates			10 (OEL)			
Propan-1,2-diol		150	470			

WEL = Workplace exposure limit

(1) Long term exposure limit – 8 hour time weighted average.

(2) Short term exposure limit – 15 minute reference period.

### Occupational Exposure Controls

**All personal protective equipment, including respiratory protective equipment, used to control exposure to hazardous substances must be selected to meet the requirements of the COSHH Regulations.**

**Respiratory Protection.** Air fed respiratory equipment should be worn when this product is sprayed if the exposure of the sprayer or other people nearby cannot be controlled below the occupational Exposure Limit Values and engineering controls and methods cannot reasonably be improved.

**Hand Protection.** When skin exposure may occur, advice should be sought from glove suppliers on appropriate types and usage times for this product. The instructions and information provided by the glove supplier on use, storage, maintenance and replacement, must be followed. Barrier creams may help to protect exposed skin, but are not substitutes for full physical protection. They should not be applied once exposure has occurred.

**Eye Protection.** Eye protection designed to protect against liquid splashes should be worn.

**Skin Protection.** Cotton or cotton/synthetic overalls or coveralls are normally suitable. Grossly contaminated clothing should be removed and the skin washed with soap and water or a proprietary skin cleanser. Regular skin inspection of users of this product is recommended. Always wash your hands before eating, drinking, smoking or using the toilet.

**Environmental exposure control.** See section 12 for detailed information.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical state:</b>	Viscous Liquid
<b>Flash Point:</b>	Non flammable
<b>Specific Gravity:</b>	1.2 – 1.5
<b>Vapour density:</b>	n/a
<b>Lower explosion limit:</b>	n/a
<b>Solubility in water:</b>	Miscible

## 10. STABILITY AND REACTIVITY

Stable under normal storage and handling conditions (see section 7). In a fire, hazardous decomposition products such as smoke, carbon monoxide, and oxides of nitrogen may be produced. Keep away from oxidising agent and strongly alkaline or acidic materials to prevent the possibility of exothermic reactions.

## 11. TOXICOLOGICAL INFORMATION

There are no data available on the mixture itself. The mixture has been assessed following the conventional method of the Dangerous Preparations Directive 1999/45/EC and classified for toxicological hazards accordingly. See Sections 2 and 3 for details.

Exposure to component solvent vapour concentrations in excess of the stated occupational exposure limit may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and, in extreme cases, loss of consciousness.

Solvents may cause some of the above effects by absorption through the skin. Repeated or prolonged contact with the mixture may cause removal of natural fat from the skin, resulting in non-allergic contact dermatitis and absorption through the skin.

If splashed in the eyes, the liquid may cause irritation and reversible damage.

Ingestion may cause nausea, diarrhoea and vomiting.

This takes into account, where known, delayed and immediate effects and also chronic effects of components from short-term and long-term exposure by oral, inhalation and dermal routes of exposure and eye contact.

## 12. ECOLOGICAL INFORMATION

### 12.1 Toxicity

Conclusion/summary: Not available

### 12.2 Persistence and degradability

Conclusion/summary: Not available

**12.3 Bioaccumulative effect** Not available

### 12.4 Mobility in soil

Soil/water partition coefficient: Not available

Mobility: Not available

### 12.5 Results of PBT and vPvB assessment

PBT: Not available

vPvB: Not available

### 12.6 Other adverse effects

No known adverse effects or critical hazards

The product should not be allowed to enter drains or water courses or to be deposited where it can affect ground or surface waters.

## 13. DISPOSAL CONSIDERATIONS

### Adequate Disposal

Do not allow into drains or water courses or dispose of where ground or surface waters may be affected. Wastes, including empty containers, are controlled wastes and should be disposed of in accordance with regulations made under The Control of Pollution Act and The Environmental Protection Act.

## 14. TRANSPORT INFORMATION

**Transport within the user's premises:** Always transport in closed containers that are upright and secure. Ensure persons transporting the product know what to do in the event of an accident or spillage.

This product is not classified as dangerous for carriage.

## 15. REGULATORY INFORMATION

### 15.1

**Safety, health and environmental regulations/legislation specific for the substance or mixture**  
**EU Regulation (EC) No. 1907/2006 (REACH)**

#### **Annex XIV - List of substances subject to authorisation**

None of the components is listed

### 15.2

**Chemical Safety Assessment:** No Chemical Safety Assessment has been carried out.

**Substances of very high concern:** None of the components are listed

**VOC for Ready-for-Use Mixture:** IIA/a. Interior matt walls and ceilings (gloss <25% @ 60deg ). EU limit values: 30g/l (2010.) This product contains a maximum of 15 g/l VOC.

## 16. OTHER INFORMATION

Text of the H phrases listed in Section 2

<b>H Phrase No.</b>	<b>Text</b>
H301	Toxic if swallowed
H302	Harmful if swallowed
H311	Toxic in contact with skin.
H314	Causes severe skin burns and eye damage
H315	Causes skin irritation
H318	Causes serious eye damage
H317	May cause an allergic skin reaction.
H331	Toxic if inhaled
H332	Harmful if inhaled
H335	May cause respiratory irritation
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects

The product should not be used for purposes other than those shown in Section 1 without first referring to the supplier and obtaining written handling instructions. As the specific conditions of use of the product are outside the supplier's control, the user is responsible for ensuring that the requirements of relevant legislation are complied with.

The information contained in this safety data sheet is based on the present state of knowledge and on current national legislation. It provides guidance on health, safety and environmental aspects of the product and should not be construed as any guarantee of technical performance or suitability for particular applications.

Further information and advice can be found in:

The Control of Substances Hazardous to Health Regulations 2002[SI2002:2677], The Stationery Office  
COSHH Essentials: easy steps to control chemicals [HSG 193], HSE Books. Details of Control Guidance Sheets, which may be relevant to the particular conditions of use, can also be found in this publication.  
The Manual Handling Operations Regulations 1992 [SI 1992:2793], The Stationery Office  
Chemical Warehousing: Storage of Flammable Liquids in Containers [HSG51], HSE Books  
Storage of Packaged Dangerous Substances [HSG71], HSE Books  
The Environmental Protection (Duty of Care) Regulations 1992 [SI 1992:2839], The Stationery Office  
A Guide to Working with Solvents [INDG 272], HSE Books

#### EU Legislation

Dangerous Substance Directive 67/548/EEC. Dangerous Preparation Directive 1999/45/EC. Regulation (EC) No. 1907/2006 of the European Parliament and the Council of 18 December 2006 concerning the

Registration, Evaluation, Authorisation and Restriction of chemicals (REACH) establishing a European Chemical Agency, amending directives 1999/45/EC and repealing Council Regulation (EEC) No. 793/93 and Commission Regulation (EC) No. 1488/94 as well as Council Directive 76/769/EEC and Commission Directive 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC including amendments. Classification, labelling of packaging of mixtures 1272/2008EC.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**