



Safety Data Sheet

Issuing Date: November 20, 2014

Revision Date: June 19, 2015

Revision Number: 1

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

GHS Product Identifier

Product Name Auto Jumbo Removable Markers - White and Colored

Other Means of Identification

Part Number Bulk stock: 08001, 08002, 08003, 08004, 08005, 08006, 08007, 08008, 08009, 08010, 08011
Carded stock: 08101, 08102, 08103, 08104, 08105, 08106, 08107, 08108, 08109, 08110, 08111

Colors: Red, Green, Blue, Yellow, White, Black, Neon Yellow, Neon Red, Neon Orange, Orange, pink

Formula: 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

Classification

This chemical is considered non- hazardous according to the OSHA Hazard Communications Standard 2012 (29 CFR 1910.1200)
Skin Irritation - Category 3
Eye Irritation - Category 2B
Acute Toxicity – Oral - Category 4

GHS Label Elements, including precautionary statements

Emergency Overview

Signal Word – Warning
Hazard Statements –

Causes Skin irritation
Causes Eye irritation
Harmful if swallowed



Appearance – opaque colored liquid
Physical state- Thin viscosity liquid
Odor - Odorless

Precautionary Statements

Prevention

Wash face and hands and any exposed skin thoroughly after handling
Wear protective gloves/clothing/eye protection/face protection
Do not eat, drink or smoke when using this product
Use personal protection as required

General Advice

If exposed or concerned: get medical attention/advice.

Response

If on skin: Wash with plenty of water. Take off contaminated clothing and wash it before reuse. If irritation occurs: Get medical advice/attention.

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

If swallowed: Call a poison center/doctor if you feel unwell. Rinse mouth

Storage

Store in dry well ventilated place. Keep tightly sealed. Prevent unauthorized access.

Disposal

Dispose of contents/container in approved waste disposal plant

Fire

Use CO₂, dry chemical, foam, or water spray

Spills and Leaks

Contain and collect spillage

Hazard not Otherwise Classified (HNOC)

Not applicable

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	% Opt	Trade Secret
Water	7732-18-5	40-50	*
Propylene Glycol	57-55-6	1-10	*
Glycol Ether TPM	25498-49-1	1-10	*
May contain one or more of the following			
Titanium Dioxide	13463-67-7	1-15	*

Yellow Pigment	13515-40-7	1-15	*
Blue Pigment	147-14-8	1-15	*
Orange Pigment	2814-77-9	1-10	*
Red Pigment	2786-76-7	1-10	*
Black	1333-86-4	1-10	*

* The exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

Description of necessary first-aid measures

General Advice	In case of doubt, or when symptoms persist, seek medical attention.
Eye Contact	Immediately flush eyes with plenty of water for at least fifteen (15) minutes. Get medical attention immediately.
Skin Contact	Flush skin with plenty of water. Remove contaminated clothing. Wash skin thoroughly with soap and water or use a proprietary skin cleanser.
Inhalation:	Remove to fresh air, keep patient warm and at rest. If breathing is irregular seek medical advice. No adverse effects are expected from inhalation. If breathing is irregular seek medical attention immediately
Ingestion	Seek medical attention immediately.

Protection of First Aiders Use personal protection equipment.

Most important symptoms/effects, acute and delayed

Most important symptoms/effects No information available

Indication of immediate medical attention and special treatment needed, if necessary

Note to physician Treat symptomatically

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Dry chemical, carbon dioxide, regular foam. For large fires, use foam or flood with fine water spray

Unsuitable extinguishing media No information available

Specific Hazards arising from the chemical No information available

Flash Point: >150°F

Flammability Limits (% by volume): non-flammable

Unusual Fire Explosion Hazards: none

Protective Equipment and Precautions for Firefighters

Wear appropriate self-contained breathing apparatus MSHA/NIOSH (approved or equivalent) and full protective gear. Cool closed containers exposed to fire with water spray.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions Evacuate personnel to safe areas. Ensure adequate ventilation. Use personal protection equipment.

Environmental Precautions Avoid release into the environment. Do not allow to enter drains or watercourses.

Methods and materials for containment and cleaning up

Methods for Containment Prevent further leakage or spillage if safe to do so.

Methods for Cleaning Up Contain the spillage with non-combustible inert absorbent materials such as sand, earth, vermiculite, diatomaceous earth to soak up the product and place in a suitable container for disposal in accordance with the waste regulations.

7. HANDLING AND STORAGE

Precautions for safe handling

Handling Avoid skin and eye contact.

Conditions for safe storage, including any incompatibilities

Storage Keep containers tightly closed. Observe label precautions. Store between 5-25° C in a dry, well ventilated place. Prevent unauthorized access.

Incompatible products Unknown

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

Exposure Guidelines

Chemical Name	CAS No.	ACGIH TLV	OSHA PEL	NIOSH IDLH
Titanium Dioxide	13463-67-7	TWA 10 mg/m3	TWA 15 mg/m3 total dust Vacated TWA 5 mg/m3 total dust	IDHL 5000 mg.m3
Propylene Glycol	57-55-6	TWA 10 mg/m3	No data	No Data

Appropriate engineering controls

Engineering Measures Showers, eyewash stations, ventilation systems

Individual protection measures, such as personal protective equipment

Eye/Face protection None under normal use conditions

Skin and body Protection None under normal use conditions

Respiratory Protection None under normal use conditions. If irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn

Hygiene Measures Use in a well-ventilated area. When using do not eat, drink, or smoke. Provide regular cleaning of equipment, work areas and clothing. Wash skin with soap and water.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

<u>Property</u>	<u>Value</u>
Boiling Point:	207-212°F
Specific Gravity (H2O=1) @ 70°F:	>1
Vapor Pressure (mm-Hg @ 70°F):	No Data
Melting Point:	No Data
Vapor Density (AIR = 1):	Greater than one (1)
Evaporation Rate (Butyl Acetate = 1):	Less than one (1)
Solubility in Water:	Complete
PH:	No Data
Appearance:	Opaque, thin viscosity liquid
Odor:	odorless

10. STABILITY AND REACTIVITY

Reactivity	No data available
Chemical Stability	Stable under normal storage and handling conditions
Possibility of Hazardous reactions	None under normal use
Hazardous Polymerization	Will not occur
Conditions to Avoid	Not applicable
Incompatible Materials	Strong oxidizing agents
Hazardous Decomposition Products	Not applicable

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information There is no data available on the product itself.

Chemical	LD50 oral	LD50 Dermal	LD50 Inhalation
Titanium dioxide	1000 mg/kg rat	No data available	No data available
Propylene Glycol	20,000 mg/kg rat	20,800mg/kg rabbit	No data available

12. ECOLOGICAL INFORMATION

Ecotoxicity There is no data available on the product itself

13. DISPOSAL CONSIDERATIONS

Waste Disposal Methods Dispose of in accordance with all applicable local, state and federal regulations.

Contaminated Packaging Do not re-use empty containers.

14. TRANSPORT INFORMATION

DOMESTIC HIGHWAY (Containers < 1 Quart are ORM-D)
PROPER SHIPPING NAME: Consumer Commodity
HAZARD CLASS/SUBSIDIARY HAZARD: ORM-D
UN.NA NO. None

PACKING GROUP: None
LABEL REQUIRED: ORM-D

15. REGULATORY INFORMATION

TSCA INVENTORY: The product on this SDS is not listed on the Toxic Substances Control Act Inventory. All ingredients used to manufacture this product are listed on the TSCA Inventory.

US Regulatory Rules:

Section 313 or Title III of SARA. This product contains a chemical which is subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations Part 372.

Glycol Ether TPM 25498-49-1 1-10% wt. SARA 313 Threshold value 1.0%

SARA 311-312 Hazard Categories

Acute Health Hazard	YES
Chronic Health Hazard	No
Fire Hazard	No
Sudden release of Pressure Hazard	NO
Reactive Hazard	NO

California Proposition 65 - Titanium Dioxide 13463-67-7 carcinogen

Massachusetts, Pennsylvania, New Jersey, Right to Know Component - Propylene Glycol 57-55-6

16. OTHER INFORMATION

Health Hazard 1

Flammability 0

Reactivity 0

Personal Protection B

SKM has been advised by attorney that the OSHA Hazard Communication Standard does not apply to the SKM products listed in this SDS. The explanation for the exemption is contained in 29 CFR 1910.1200(b)(6)(ix) as amended July 1, 2002 per the code of Federal Regulations. This information contained in this MSDS is forwarded to you for your information, but is not meant to imply that the Hazard Communication Standard covers the product nor is this SDS meant to comply with all requirements of the Hazard Communication Standard.

End of Safety Data Sheet