



Safety Data Sheet

Issuing Date: December 26, 2014 Revision Date: December 26, 2014 Revision Number: 0

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

GHS Product Identifier

Product Name Rinse Off Water removable Marker – White and Colored

Other Means of Identification

Part Number 44105, 44106, 44108, 44109, 44709, 44757

Colors: Blue, Red, Green, Black, white, Yellow

Formula Code Alcohol Based marker

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 hazardous according to the OSHA Hazard Communications Standard 2012 (29 CFR 1910.1200)

Flammable Liquid Category 3

Acute Toxicity Oral Category 4

Acute Toxicity Dermal Category 4 Specific target organ toxicity – single- category 3

Serious eye damage/eye irritation Category 2A

GHS Label Elements, including precautionary statements

Emergency Overview

Signal Word – Warning

Hazard Statements –

Skin irritation

Serious eye irritation

Respiratory irritation
Harmful if swallowed
Flammable liquid and vapour
May cause drowsiness or dizziness



Appearance – Opaque, varies
Physical state- Thin viscosity liquid
Odor – Alcohol Odor

Precautionary Statements

Prevention

Do not handle until all safety precautions have been read and understood
Keep container tightly closed
Avoid breathing dust/vapors/fumes
Wash face and hands and any exposed skin thoroughly after handling
Wear protective gloves/clothing/eye protection/face protection
Use personal protection as required
Keep away from heat, sparks, open flame, hot surfaces
No smoking
Use explosion proof electrical/ventilating/lighting/equipment
Use non sparking tools
Take precautionary measure to avoid static discharge

General Advice

If exposed or concerned: get medical attention/advice

ACUTE HAZARD: At high concentration, dizziness and unconsciousness may occur.

CAUTION: Harmful if swallowed. Direct contact may cause skin or eye irritation.

KEEP OUT OF REACH OF CHILDREN.

Eyes

Rinse cautiously with water for several minutes. Remove contact lenses if present. Continue rinsing. If irritation persists seek medical attention/advice.

Skin

Remove contaminated clothing. Rinse skin with water/shower. If irritation persists seek medical attention/advice.

Inhalation

Remove patient to fresh air and keep at rest in a comfortable position for breathing. Seek medical attention immediately

Ingestion

If accidentally swallowed seek medical attention immediately. Do not induce vomiting. Never give anything to an unconscious person. Rinse mouth with water. Consult a physician.

Fire

Use CO₂, dry chemical, foam, or water spray

Spills and Leaks

Contain and collect spillage

Storage

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

Disposal

Dispose of contents/container in approved waste disposal plant

Hazard not Otherwise Classified (HNOC)

Not applicable

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS -No	Weight %	Trade Secret
n-Propyl Alcohol	71-23-8	55-56 %	*
Diacetone Alcohol	123-42-2	25-35%	*
Polyvinylpyrrolidone	9003-39-8	5-10 %	*
Colorant	proprietary	*	*

* 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. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention immediately.
Ingestion	Seek medical attention immediately. Do not induce vomiting. Never give anything by mouth to an unconscious person.

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, alcohol resistant foam.

Unsuitable extinguishing media Avoid water in straight stream, it will scatter and spread fire

Specific Hazards arising from the chemical No information available.

These pens contains between 10-14 ml of liquid. The liquid contents are only released in a controlled manner when the tip of the pen is pressed. No free liquid is present under normal conditions of use. This product presents only a minimal fire and exposure hazard.

Flash Point: 77° F (TCC) ASTM D56
Flammability Limits (% by volume): LEL 2.1 UEL 13.7

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. Avoid inhalation of material or combustion by-products; stay upwind.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions Avoid breathing vapours. Evacuate personnel to safe areas. Ensure adequate ventilation.

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 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. Avoid the inhalation of vapor and mist. Keep away from ignition source.

Conditions for safe storage, including any incompatibilities

Storage Keep away for open flame, hot surfaces and sources of ignition. 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

Occupational Exposure Limits

Ingredient	CAS No.	OSHA PEL	ACGIH-TLV
n-Propanol	71-23-8	TWA 200 ppm	TWA 200 ppm
Diacetone Alcohol	123-42-2	TWA 50 ppm	TWA 50 ppm
Polyvinylpyrrolidone	9003-39-8	TWA 15mg/m3	TWA 10mg/m3

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.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

<u>Property</u>	<u>Value</u>
Boiling Point:	207°
Specific Gravity (H ₂ O=1) @70°F:	<1 @70°
Vapor Pressure (mm-Hg @ 70°F):	20.8 mm Hg@70°
Melting Point:	No Data
Vapor Density (AIR = 1):	2.1
Evaporation Rate (Butyl Acetate = 1):	1.3
Solubility in Water:	70-80%
PH:	No Data
Appearance and Odor:	Opaque, thin viscosity liquid with alcohol odor.

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	Heat, open flame, sparks, and sources of ignition
Incompatible Materials	Strong oxidizers
Hazardous Decomposition -products	Carbon dioxide, carbon monoxide, smoke, soot and various oxidation by-products.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information	None available. There is no data available on the product itself. None of the components of this product are listed as a carcinogen or suspected carcinogen or is considered a reproductive hazard
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12. ECOLOGICAL INFORMATION

Ecotoxicity	There is no data available on the product itself
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13. DISPOSAL CONSIDERATIONS

Waste Disposal Methods Dispose of in accordance with all applicable local, state and federal regulations. The liquid contents of the pen meet the definition of hazardous waste under RCRA, D001 (ignitable).

Contaminated Packaging Do not re-use empty containers.

14. TRANSPORT INFORMATION

DOT

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 U.S.

FEDERAL REGULATIONS:

CARCINOGENICITY: NTP: No IARC Monographs: No OSHA Regulations: No

OSHA: Hazardous by definition of Hazard Communications Standard (29 CFR 1910.1200)

SECTION 313 REPORTING REQUIREMENTS: This product does not contain toxic chemicals that are listed and may require reporting under SARA Title III Sec. 313 if used over the threshold reporting quantity. This information must be included in all MSDSs that are copied and distributed for this material.

INTERNATIONAL REGULATIONS:

CANADIAN WHMIS: Not WHMIS controlled (pens) Bulk: Class B2, D2A

STATE REGULATIONS:

CALIFORNIA PROPOSITION 65: This product is not known to contain any material listed under California's Proposition 65.

16. OTHER INFORMATION

Health Hazard 2

Flammability 3

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