

Material Safety Data Sheet

MSDS NUMBER: 13100
ISSUE DATE: July 21, 1998
LATEST REVISION: May 1, 2005

1. CHEMICAL PRODUCT:

Goldwell Colorance Soft Color (all tints of above mentioned product)
Item Numbers: 13103 thru 13186, 13206 thru 13237
General Use: Temporary Hair Color
Container: Aerosol Dispenser (Aluminum)

COMPANY IDENTIFICATION:

KPSS, Inc.
981 Corporate Blvd.
Linthicum Heights, MD 21090-2227

For Information:

During Business hours: (410) 850-7555
24-Hour Emergency Response: (800) 424-9300 (CHEMTREC)

2. COMPOSITION (HAZARDOUS COMPONENTS):

<u>COMPONENT</u>	<u>WEIGHT (%)</u>	<u>CAS #</u>	<u>OSHA-PEL</u>	<u>ACGIH TLV</u>
<u>Concentrate</u>	94.4% of total			
Ammonium Chloride	<1%	12125-02-9	none established	none established
Diethylene Glycol	5%	111-46-6	none established	50 ppm (aerosol and vapor)
<u>Propellant</u>	5.6% of total			
Isobutane	4 g	75-28-5	none established	none established
Propane	2.5 g	74-98-6	TWA 1000ppm (1800mgm3)	none established
Butane	0.2 g	106-97-8	none established	TWA 800 ppm 1900 mg/m3

3. HAZARDS IDENTIFICATION:

EMERGENCY OVERVIEW:

Colored foam with a sweet odor. Contact with eyes may cause irritation. Contents under pressure. Product can become dangerous at temperatures above 120°F/50°C due to the nature of its packaging. May cause skin irritation to some people. May be slippery if walked on. Color varies according to shade.

POTENTIAL HEALTH EFFECTS:

EYES: This material may irritate eyes, but the effects are not expected to be lasting if rinsed.

SKIN: This material is not found to be irritating to the skin under normal conditions, however, allergic reactions are possible.

INHALATION: Exposure to this material is not expected to present a hazard, however, symptoms may occur due to inadequate ventilation. Inhalation of vapor may produce anesthetic effects and a feeling of euphoria. Prolonged overexposure can cause rapid breathing, headache, dizziness, narcosis, unconsciousness, and death from asphyxiation, depending on concentration and time of exposure.

INGESTION: This material is believed to present very little hazard if swallowed. Small amounts (a tablespoonful) swallowed during normal handling operations are not likely to cause injury; swallowing amounts larger than that may cause injury.

4. **FIRST AID:**

EYES: Immediately flush eyes with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Do not rub eyes, and get medical attention if irritation develops or persists.

SKIN: Wash with soap and water. Get medical attention if irritation develops or persists.

INHALATION: This product is considered to be non-toxic. It is nonetheless advisable that whenever symptoms of respiratory distress occur, such as difficulty in breathing or shortness of breath, immediately leave the work area, seek fresh air, and get medical attention.

INGESTION: Give 2-3 glasses of water to drink. Never give anything by mouth to an unconscious person. Get medical attention.

5. **FIRE FIGHTING MEASURES:**

Flashpoint and Method: The propellant contained in the product when packaged in aerosol containers has a flash point of -25°F, however the flashpoint for the product as a whole has not been determined

Flammable Limits: not determined

Automatic Ignition Temperature: not determined

General Hazard: Contents under pressure. Explosion hazard when exposed to fire due to propellant mixture. This product may release butane and propane during combustion. There is a potential for rocketing of containers in a fire situation.

Fire-Fighting Media: Water, Dry chemical, Carbon Dioxide, Foam.

Special Fire-Fighting Procedures: Full emergency equipment with self-contained breathing apparatus and full protective clothing should be worn by fire fighters. During a fire, irritating and flammable gases (e.g. butane, propane) may be generated by thermal decomposition or combustion. Closed container may rupture when exposed to extreme heat.

Hazardous Combustion Products: Combustion may generate carbon monoxide and carbon dioxide.

6. **ACCIDENTAL RELEASE MEASURES:**

Eliminate sources of ignition. Ventilate area. For small spills, mop up, wipe up, or soak up with absorbent material while wearing gloves, and place in a disposable container. Rinse area with plenty of water. For large spills, provide diking or other appropriate containment to keep material from spreading. Absorb material with earth, sand, or similar inert material and disposed of in accordance with Section 13. Do not use combustible materials such as sawdust. Do not vacuum spilled material with unapproved electrical equipment such as "shop vac's". Use plastic or aluminum shovel to transfer absorbed material into approved container. Spilled product may present a slipping hazard. Personnel should be cautious during cleanup. Refer to Section 15 for appropriate regulatory requirements.

7. **HANDLING AND STORAGE:**

Storage Temperature: Ambient

Storage Pressure: Ambient

Goldwell Colorance Soft Color when packaged in aerosol containers are classified as Level 1 aerosols. It is recommended that state and local authorities be consulted for specific storage instructions as there are specific guidelines set forth by the NFPA (National Fire Protection Association). Store at normal room temperature. Do not place in hot water or near radiators, stoves, or other sources of heat. Do not puncture or incinerate aerosol container or store at temperatures above 120°F/50°C. Avoid spraying in eyes. Do not use in the presence of open flame or spark. The container may rupture which could result in serious injury.

Wash hands thoroughly after handling.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION:

RESPIRATORY PROTECTION: Use in well ventilated area. For most conditions, no respiratory protection should be needed; however, a NIOSH-approved respirator should be used where TLV or PEL may be exceeded.

SKIN PROTECTION: For brief contact, no precautions other than clean body covering clothing should be needed. Use impervious gloves such as neoprene.

EYE PROTECTION: This product is considered to be a potential eye irritant. If there is potential for direct eye contact with the foam spray, it is recommended that personnel wear safety glasses or chemical goggles.

EXPOSURE GUIDELINES: None established for the product as a whole. Refer to Section 2 for specific information.

ENGINEERING CONTROLS: Local exhaust ventilation may be necessary to control any air contaminants to within their TLV's during the use of this product.

9. PHYSICAL AND CHEMICAL PROPERTIES:

Appearance: Foam (color varies with shade)	Solubility in Water: miscible
Odor: cosmetic sweet odor	Specific Gravity: n/d
Odor threshold: n/d for product as a whole	Evaporation Rate: n/d
Physical State: foam	Viscosity: n/d
pH: 6.8	Percent Volatiles: n/d
Vapor Pressure: n/d	n/d = not determined
Vapor Density: n/d	n/a = not applicable
Melting Point: n/d	
Freezing Point: n/d	

10. STABILITY AND REACTIVITY:

GENERAL: This product is stable and hazardous polymerization will not occur.

INCOMPATIBLE MATERIALS AND CONDITIONS TO AVOID: This product is capable of reacting vigorously with oxidizing agents such as peroxides and persulfates (bleach powders). Keep this product away from heat or ignition sources.

HAZARDOUS DECOMPOSITION: Carbon monoxide and carbon dioxide may be generated.

11. TOXICOLOGICAL INFORMATION:

It is not legally required to test cosmetic products by means of animal tests. For toxicological information for chemical ingredients listed in section 2 or on the ingredients label, write to the address listed in Section 1 of this MSDS.

12. ECOLOGICAL INFORMATION:

No data are available on the adverse effects of this material on the environment. Based on the chemical composition, it is assumed that the mixture can be treated in an acclimatized biological waste treatment plant system in limited quantities.

13. DISPOSAL CONSIDERATIONS:

Due to the nature of its packaging, Goldwell Colorance Soft Color packaged in aerosol containers may be considered as a hazardous waste under federal Hazardous Waste Regulations 40 CFR 261 due to its characteristic of ignitability and reactivity (flammable compressed gases). Consult state and local regulations regarding the proper disposal of this material.

EPA Waste Number: D001

Please be advised, that state and local requirements for waste disposal may be more restrictive or otherwise different from federal regulations.

(Note: Chemical additions, processing or otherwise altering this material may make the waste management information presented in this MSDS incomplete, inaccurate or otherwise inappropriate).

14. TRANSPORT INFORMATION:

This product is regulated by the DOT due to its packaging. Finished products packaged in aerosol dispensers are classified as follows:

DOT Shipping Name: Aerosols, 2.1, UN 1950, PGII

IATA Shipping Name: Consumer Commodity, Class 9, ID 8000

IMCO Aerosol Dispensers, Class 9, UN1950, PG III

15. REGULATORY INFORMATION:

TSCA (Toxic Substance Control Act): This product is not on the TSCA Inventory List as it's intended use is for cosmetic purposes, however this product has met all of the requirements of the Federal Food, Drug, and Cosmetic Act.

CERCLA (Comprehensive Response Compensation, and Liability Act): This product contains ammonium chloride which is a Reportable Quantity (RQ) substance, however, the percentage in the whole mixture is minimal.

EPA, SARA Title III Chemical Listing:

Section 302 Extremely Hazardous Substances: None

Section 304 CERCLA Hazardous Substances: None

<u>Section 312 Hazard Class:</u>	Acute:	Yes
	Chronic:	No
	Fire:	Yes
	Pressure:	Yes
	Reactive:	No

Section 313 Toxic Chemicals: None present or none present in regulated quantities

16. OTHER INFORMATION:

LABEL INFORMATION:

All containers of Colorance Soft Color must be marked or labeled with the appropriate color name, item number and batch number.

Due to the nature of its packaging, each container must bear the following statement:

WARNING: Flammable. Contents under pressure. Do not place in hot water or near radiators, stoves or other sources of heat. Even when empty, do not puncture or incinerate container or store at temperatures above 50°C (120°F). Avoid spraying in eyes. Keep away from open flame or spark. Keep out of reach of children.

Hair dye products are required to have the following warning statements on the label:

CAUTION: This product contains ingredients which may cause skin irritation on certain individuals and a preliminary test according to accompanying directions should first be made. This product must not be used for dyeing the eyelashes or eyebrows; to do so may cause blindness.

Hazard Communication labels are not required for this product, however, the appropriate hazard ratings are as follows:

HMIS:

Health: 1
Flammability: 2
Reactivity: 1
Personal Protection Index: X (to be specified by user depending on use conditions)

NFPA:

Level 1 Aerosol

All information on this MSDS should be passed on to appropriate employees and downstream users. To the best of our knowledge, the information contained herein is accurate. However, neither KPSS, Inc. nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. No warranty is implied. Since conditions of use are beyond the control of KPSS, Inc., user assumes all risks and responsibility.

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