P&G beauty

MATERIAL SAFETY DATA SHEET Finished Product.

SECTION 1 - CHEMICAL SUBSTANCE/PRODUCT AND COMPANY IDENTIFICATION

- **Finished Product Name**:
  Pantene Pro-V Style Texturize Ultimate Texture Hairspray (95510106, 95510107)

- **Company Identification**:
  The Procter & Gamble Company
  Cincinnati, OH 45202

  Contact: Consumer Relations at 1-800-945-7768

- **In case of medical emergencies, please contact your local poison control center.**
- **Transportation emergency (24 hour), contact:**
  CHEMTREC - Phone # 1-800-424-9300 (U.S. and Canada) or 1-703-527-3887 (for calls originating elsewhere).

- **DATE:** December 2007

SECTION 2 - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

This is a personal care or cosmetic product that is safe for consumers and other users under intended and reasonably foreseeable use. Additional information on toxicological endpoints is available from the supplier upon request.

POTENTIAL HEALTH EFFECTS:

- **Eye:** Contact may cause mild, transient irritation. Some redness and/or stinging may occur.

- **Skin:** Not expected to be irritating, sensitizing, photoallergenic or phototoxic when used as intended. If irritation occurs following intended use or prolonged contact it is expected to mild and transient.

- **Inhalation:** May cause mild, transient respiratory irritation. Avoid prolonged contact to concentrated vapors.

- **Ingestion:** Product used as intended is not expected to cause gastrointestinal irritation. Accidental ingestion of undiluted product may cause mild gastrointestinal irritation with nausea, vomiting, and diarrhea.

SECTION 3 - COMPOSITION AND INGREDIENTS

The complete ingredient list for the finished product(s) is as follows:

Alcohol Denat., Hydrofluorocarbon 152a, Water, Isobutane, VA/Crotonates/Vinyl Neodecanoate Copolymer, Acrylates/Octylacrylamide Copolymer, Panthenol, Aminomethyl Propanol, Ammonium Benzoate, Polysorbate-80, MEA-Borate, MIPA-Borate, Dimethicone, Fragrance

Hazardous ingredients as defined by OSHA, 29 CFR 1910.1200. and/or WHMIS under the HPA:

Chemical Name	Common Name	CAS No.	Composition Range	LD50/LC50
Ethanol	Alcohol Denat.	64-17-5	30-60%	LD50 (Oral) = 7,060 mg/kg (rat) LC50 = No data available
1,1-Difluoroethane	Hydrofluocarbon 152a	75-37-6	15-40%	LD50 = No data available. LC50 = 1,600,000 ppm (1 hour; rat)
2-Methylpropane	Isobutane	75-28-5	3-7%	LD50 = No data available. LC50 = 57 pph (15m, rat)

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SECTION 4 - FIRST AID MEASURES

- **Eye:** Thorough rinsing for 15-20 minutes of the affected eye with water is recommended. If discomfort or irritation persists, consult a physician.
- **Skin Problem:** Discontinue use of product. Apply cold compresses to affected areas to relieve any discomfort. If discomfort persists, consult a physician.
- **Inhalation:** If respiratory irritation occurs, remove individual to fresh air.
- **Ingestion:** Accidental ingestion of product may necessitate medical attention. In case of accidental ingestion dilute with fluids (water or milk) and treat symptomatically. Do not induce vomiting. Note: After first aid treatment, the caller should be advised that 1) a hospital emergency room or family physician should be consulted if anything unusual occurs or appears necessary in the judgment of the caller, & 2) that the subsequent management of the accident should be dictated by any persistent symptoms and under the direction of the physician.

SECTION 5 - FIRE FIGHTING MEASURES

- **Flash Point & Method:** Flash point driven by :
  Alcohol Denat.: 55^{o}F (13^{o}C)
  Hydrofluorocarbon 152a: -58^{o}F (-50^{o}C), Open Cup
  Isobutane: -117^{o}F (-83^{o}C), Closed Cup
- **Extinguishing Media:** Dry chemical, foam, carbon dioxide, water.
- **Explosion Hazard:** Flammable. Container may rocket or explode in heat or fire.
- **Fire Fighting Instructions:** Contact emergency personnel. Contents under pressure. Container may rocket or explode in heat of fire. Use self-contained breathing apparatus and full protective gear if large quantities of product are involved. Hazardous decomposition products may be released. Thermal degradation may produce oxides of carbon and/or

nitrogen; hydrocarbons and/or derivatives. Hazardous decomposition products may be released, including hydrofluoric and/or carbonyl halides. Thermal degradation may also produce oxides of silicone.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

- **Procedures for Spill/Leak Clean-up:**

For Household Settings: Ventilate area and eliminate all ignition sources.

For Non-Household Settings: Ventilate area and eliminate all ignition sources. Use safety goggles if splash hazards exist; use gloves and other protective clothing (apron, boots, etc.) to prevent skin contact.

SECTION 7 - HANDLING AND STORAGE

- **Precautions for Safe Handling:**

For Household Settings: Avoid heat, sparks, flame, or smoking during use. Use only in ventilated areas. Do not crush, puncture or incinerate. Avoid extreme heat and ignition sources. Avoid spraying toward open flame. Keep out of reach of children.

For Non-Household Settings: Avoid heat, sparks, flame, or smoking during use. Do not crush, puncture or incinerate. Avoid extreme heat and ignition sources. Avoid spraying toward open flame. Avoid puncturing or otherwise damaging aerosol containers and packaging when using forklifts or other material handling equipment.

- **Conditions for Safe Storage:**

For Household Settings: Pressurized container. Protect from sunlight and do not expose to temperatures above 120 ^{o}F (50^{o}C). Keep from extreme cold.

For Non-Household Settings: Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 120^{o}F (50^{o}C). Keep from extreme cold. Store in well ventilated, cool area. Store away from oxidizers.

- **Other Recommendations:** None.

SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION

For Household Settings: This is a personal care or cosmetic product that is safe for consumers and other users under normal and reasonably foreseeable use**.**

For Non-Household Settings: Use in a well ventilated area. Use safety glasses or safety goggles if airborne mist hazards exist; use gloves and other protective clothing (apron, boots etc.) to prevent skin contact. Always follow good hygienic work practices. Avoid prolonged contact with skin and clothing. This is a personal care or cosmetic product that is safe for consumers and other users under normal and reasonably foreseen use.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

• **Color, Odor and Appearance:** A light amber to off-white liquid with characteristic odor.	• **Melting Point:** Not applicable.
• **Physical State:** Liquid.	• **Boiling Point:** Not available.
• **pH:** 8.5-9.0	• **Solubility in Water:** Slightly insoluble.
• **Flashpoint:** Flash point driven by : Alcohol Denat.: 55^{o}F (13^{o}C) Hydrofluorocarbon 152a: -58^{o}F (-50^{o}C), Open Cup Isobutane: -117^{o}F (-83^{o}C), Closed Cup	• **% VOC:** Complies with Federal and State regulations for VOC content.
• **Vapor Density:** 0.857g/ml	• **Specific Gravity:** 0.85-0.86

SECTION 10 - STABILITY AND REACTIVITY

- **Conditions to Avoid:** Avoid extreme heat and ignition sources. Store away from oxidizers.
- **Other Recommendations:** None.

SECTION 11 - TOXICOLOGICAL INFORMATION

This is a personal care or cosmetic product that is safe for consumers and other users under intended and reasonably foreseeable use. Additional information on toxicological endpoints is available from the supplier upon request.

Chronic Effects: Finished product is not expected to have chronic health effects.
Target Organs: No adverse health effects on target organs expected for finished product.
Carcinogenicity: Finished product is not expected to be carcinogenic.
NTP: No **IARC:** No **OSHA:** No

SECTION 12 - ECOLOGICAL INFORMATION

The product ingredients are expected to be safe for the environment at concentrations predicted under normal use and accidental spill scenarios. Packaging components are compatible with the conventional solid waste management practices. Additional information is available from the supplier on request.

SECTION 13 - DISPOSAL CONSIDERATIONS

Disposal should be in accordance with Federal, State/Provincial and Local regulations.

For Household Settings: The following instructions are for consumer usage only. Empty can through normal use as instructed on the can. If the can cannot be emptied due to malfunction of the nozzle the product should be disposed of in a special waste collection for pressurized containers. A local waste handler should be contacted for additional information.

For Non-Household Settings: Products covered by this MSDS, in their original form, when disposed as waste, are ignitable hazardous waste, D001, according to Federal RCRA regulations (40 CFR 261). Disposal should be in accordance with Local, State and Federal regulations. Aerosol cans, when disposed as waste, are regulated as D003 reactive hazardous waste in some States because of their potential to explode when heated. Check with your State environmental agency for guidance.

California Waste Code: 331

SECTION 14 - TRANSPORT INFORMATION

Finished packaged product transported by ground (DOT): Consumer Commodity, ORM-D.
Finished packaged product transported by vessel (IMDG): UN1950, Aerosol, Class 2.1, Ltd. Qty.
Finished packaged product transported by air (IATA): Consumer Commodity, ID 8000, Class 9

SECTION 15 - ADDITIONAL REGULATORY INFORMATION

EU DPD (Dangerous Products Directive) Classification (DPD 88/379/EEC). Regulated as a Cosmetic and/or Drug by the FDA (U.S.), HPB (Canada), Cosmetics Directive (EU), MHW (Japan) and China (MOH). While this finished product(s) is not considered hazardous as defined by OSHA in 29 CFR 1900. 1200 (d), this MSDS contains valuable information critical to the safe handling and proper use of the product.

US Federal

The product described in this Material Safety Data Sheet is regulated under the Federal Food, Drug, and Cosmetics Act and is safe to use as per directions on container, box or accompanying literature (where applicable).

CERCLA reportable quantity (RQ):

Ingredient	CAS #	Level	RQ
RCRA Hazardous Waste No. D001/Unlisted Hazardous Wastes Characteristic of Ignitability (Alcohol Denat.)	64-17-5	30-60%	100 lbs.
RCRA Hazardous Waste No. D001/Unlisted Hazardous Wastes Characteristic of Ignitability (Isobutane)	75-28-5	3-7%	100 lbs.
Ammonium Benzoate	1863-63-4	<0.5%	5000 lbs.

SARA 313/302/304/311/312 chemicals:

Ingredient	CAS #	Level	313	302	304	311	312
Ammonia (Ammonium Benzoate)	1863-63-4	<0.5 %	Yes	No	No	No	No

Canada

All ingredients are CEPA approved for import to Canada. This product has been classified in accordance with the hazard criteria of the Canadian Controlled Products Regulations (CPR) and this MSDS contains all information required by the CPR.

US States

CA Prop 65:

This product is not subject to warning labeling under California Proposition 65.

State Right-to-Know:
The following ingredients are present in the finished product and are listed on the following state right-to-know lists:

Ingredient	CAS #	Level	State				
Alcohol Denat.	64-17-5	30-60%	IL	MA	NJ	PA	RI
Hydrofluocarbon 152a	75-37-6	15-40%		MA	NJ		
Isobutane	75-28-5	3-7%	IL	MA	NJ	PA	
Aminomethyl Propanol	124-68-5	0.1-1%		MA		PA	
Ammonium Benzoate	1863-63-4	<0.5%	IL	MA	NJ	PA	

Other
Perfumes contained within the products covered by this MSDS comply with appropriate IFRA guidance.

SECTION 16 - OTHER INFORMATION

DISCLAIMER: This MSDS is intended to provide a brief summary of our knowledge and guidance regarding the use of this material. The information contained here has been compiled from sources considered by Procter & Gamble to be dependable and is accurate to the best of the Company's knowledge. It is not meant to be an all-inclusive document on worldwide hazard communication regulations.

This information is offered in good faith. Each user of this material needs to evaluate the conditions of use and design the appropriate protective mechanisms to prevent employee exposures, property damage or release to the environment. Procter & Gamble assumed no responsibility for injury to the recipient or third persons, or for any damage to any property resulting from misuse of the product.