

THE PROCTER & GAMBLE COMPANY

BEAUTY CARE DIVISION
Sharon Woods Technical Center
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MATERIAL SAFETY DATA SHEET

ISSUE DATE: 16 SEPTEMBER 2002	
SECTION I	
EMERGENCY TELEPHONE NUMBER 1-800-262-1637	
IDENTITY Pantene Pro V Nonaerosol Hairspray – Volumizing Flexible Hold, Stay Smooth Flexible Hold, Classic Flexible Hold, Classic Unscented	
INGREDIENTS/CHEMICAL NAME SD 40 Alcohol, Water, Acrylates Copolymer, Aminomethyl Propanol, Peg-12 Dimethicone, Panthenol, Triethyl Citrate, Fragrance	
OTHER Formula Codes: HN, HQ, HT, HX	

SECTION II — HAZARDOUS INGREDIENTS/IDENTITY INFORMATION					
HAZARDOUS INGREDIENTS AS DEFINED BY OSHA 29 CFR 1910.1200					
<u>CHEMICAL NAME</u>	<u>COMMON NAME</u>	<u>CAS NO.</u>	<u>ACGIH TLV</u>	<u>OSHA PEL</u>	<u>OTHER LIMITS RECOMMENDED</u>
SDA 40-2 Alcohol (200 proof)	SD 40 Alcohol 40-2	64-17-5	1000 ppm	1000 ppm	

SECTION III — PHYSICAL/CHEMICAL CHARACTERISTICS			
BOILING POINT (°F)	~ 170	SPECIFIC GRAVITY (H₂O = 1)	~ 0.8
VAPOR PRESSURE (mm Hg)	UN	PERCENT VOLATILE BY VOLUME (%)	~ 95
VAPOR DENSITY (AIR = 1)	~ 1.6	EVAPORATION RATE (nBUOAC = 1)	UN
SOLUBILITY IN WATER	concentrate = 100%	APPEARANCE AND ODOR	clear liquid with perfumed odor

SECTION IV — FLAMMABILITY AND REACTIVITY			
FLASH POINT (METHOD USED) 23 degrees C (closed cup)		EXPLOSIVE LIMITS	LEL ~ 3.3 UEL ~ 19
EXTINGUISHING MEDIA dry chemical foam or CO2			
SPECIAL FIRE FIGHTING PROCEDURES Wear self contained breathing apparatus. Water may be ineffective for fire fighting.			
UNUSUAL FIRE HAZARDS NA			
STABILITY	UNSTABLE	STABLE XX	CONDITIONS TO AVOID
INCOMPATIBILITY (Materials to avoid) oxidizing materials and concentrated acids			
HAZARDOUS DECOMPOSITION/BY PRODUCTS UN			
HAZARDOUS POLYMERIZATION	MAY OCCUR	WILL NOT OCCUR XX	CONDITIONS TO AVOID NA

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SECTION V — HEALTH AND SAFETY DATA	
ROUTES OF ENTRY	Oral, dermal, ocular, inhalation
HEALTH HAZARDS (ACUTE AND CHRONIC)	mildly irritating to the eyes and skin
SIGNS OF SYMPTOMS OF EXPOSURE	Oral-possible mild gastrointestinal irritation with nausea, vomiting, and diarrhea. Eye contact may cause transient superficial irritation. Skin irritation typical.
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE	UN
EMERGENCY AND FIRST AID PROCEDURES	Accidental ingestion - dilute with fluids such as milk or water, and treat symptomatically. Observe for vomiting. Eye contact - rinse thoroughly with water. Contact physician if condition worsens. Inhalation - remove to fresh air.

SECTION VI — PRECAUTIONS FOR SAFE HANDLING AND USE	
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING	keep away from fire and flame
OTHER PRECAUTIONS	
STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED	Clean up with sorbent kit. Prevent large spills from reaching waterways. Avoid contact with oxidizing materials.
WASTE DISPOSAL METHOD	mix with compatible chemical which is less flammable and incinerate.

SECTION VII — SPECIAL PROTECTION INFORMATION		
RESPIRATORY PROTECTION (Specify Type) None required with normal use		
VENTILATION	LOCAL EXHAUST none required with normal use	SPECIAL none
	MECHANICAL (General) Acceptable	OTHER none
EYE PROTECTION none required with normal use	PROTECTIVE GLOVES plastic or rubber for extended exposure	
OTHER PROTECTIVE EQUIPMENT		none required with normal use

NA — NOT APPLICABLE

UN — NOT KNOWN

THE SUBMISSION OF THIS MSDS MAY BE REQUIRED BY LAW, BUT THIS IS NOT AN ASSERTION THAT THE SUBSTANCE IS HAZARDOUS WHEN USED IN ACCORDANCE WITH PROPER SAFETY PRACTICES AND NORMAL HANDLING PROCEDURES. DATA SUPPLIED IS FOR USE ONLY IN CONNECTION WITH OCCUPATIONAL SAFETY AND HEALTH.