

## MATERIAL SAFETY DATA SHEET

**PRODUCT IDENTITY (as indicated on label)**  
**MULTIPURPOSE HAIRSPRAY****Section 1 Company Identification**

Distributor's Name Jon Renau Collection, Inc	Emergency Telephone Number 24 hours <b>CHEMTREC 800-424-9300 US</b>
Address (Number, Street, City, State, and ZIP Code) 2510 Island Way Vista, CA 92081	Telephone Number International (Collect Calls Accepted) <b>CHEMTREC 703-527-3887</b>
	Date Prepared 11/26/12

**Section 2 Hazardous Ingredients/Identity Information**

Hazardous Components [Specific Chemical Identity; Common Name(s)]	CAS Number	Vapor Pressure	OSHA PEL	ACGIH TLV
Hydrofluorocarbon 152a ≤ 43%	75-37-6	64 psig @70°F	N/E	N/E
Alcohol Denat. ≤ 55%	64-17-5	44mmHg@68°F	1000	1000
Ethyl Ester of PVM/MA copolymer ≤ 5%	25087-06-3	40mmHg@19°C	1000	1000

N/E = Not Established for this material

**Section 3 Hazards Identification**

EMERGENCY OVERVIEW Type of Hazard: Inhalation (S2,S15,S16,S21,S47,R10, R44)

**POTENTIAL HEALTH EFFECTS**

Inhalation: Intentional inhalation of vapors can cause nasal and respiratory irritation: dizziness, weakness, nausea, headache, possible unconsciousness and even asphyxiation (S23,S51,R20,R22,R39)

Skin Contact: Practically non-irritating to the skin. Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dryness. Skin Absorption: none to Slight (R38, R36)

Eye Contact: May cause mild to severe eye irritation (S25,R36)

Ingestion: None known at this time. (S23,S51,R20,R22,R39)

Chronic Effects and Medical Conditions Aggravated By Overexposure: None known at this time

**Section 4 First Aid Measures**

INHALATION: Remove victim to fresh air and provide oxygen if breathing is difficult. Give artificial respiration if victim is not breathing. Get medical attention. (S45,S63)

SKIN: Thoroughly wash exposed area. If irritation persists, seek medical attention (S28,S45)

EYES: Flush with copious amounts of water for 15 minutes. If irritation persists, seek medical attention (S26,S45)

INGESTION: DO NOT induce vomiting. Get medical attention IMMEDIATELY. (S45,S62,S64)

**Section 5 Fire Fighting Measures**

FLAMMABILITY CLASSIFICATION: Flammable (Aerosol)

FLASH POINT: 48°F (concentrate only)

UNUSUAL FIRE AND EXPLOSION HAZARDS: Aerosols will burst at temperatures above 130°F (55°C). Containers exposed to intense heat from fires must be cooled with water to prevent vapor pressure build up which could result in container rupture (S47,R5, R7)

SPECIAL FIRE FIGHTING PROCEDURES: Use Self-contained breathing apparatus. Water may be used on containers exposed to intense heat to prevent vapor pressure build up and container rupture. Keep containers cooled with water and remove them from danger as soon as possible. If aerosols are bursting, stay clear until bursting is completed. Aerosols can be projectiles when bursting. (S14,S15,S43,S48)

NFPA 30B Storage Classification of Aerosol: Level 2

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## MULTIPURPOSE HAIRSPRAY

### Section 6 Accidental Release Measures

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** Keep sources of ignition and hot metals isolated from the spill. Small leaks can be mopped or wiped up immediately. Remove material to out of doors. Large leaks should be handled as follows: Evacuate area. Contain liquid; transfer to closed containers. Keep out of water supplies. (S16,S24,S36,S38,S57,S61,R5)

**DISPOSAL METHOD:** dispose of according to federal, state and locals regulations. Disposal should be carried out under EPA state and federal laws

### Section 7 Handling and Storage

**USAGE PRECAUTIONS:** Product is **Flammable**. Do not puncture or burn even after use. Keep away from heat, sparks, or flame. Extinguish pilot lights, cigarettes or other sources of ignition. Use with adequate ventilation. (S15,S18,S39,S40,S59)

**STORAGE PRECAUTIONS:** Keep containers cool in temperatures below 120°F. Keep containers dry, closed and upright when not in use. (S3,S8,S9,S15,S18, S47,S53)

**OTHER PRECAUTIONS:** KEEP OUT OF REACH OF CHILDREN. Avoid contact with eyes. Maintain personal hygiene and good housekeeping .

### Section 8 Exposure Controls and Personal Protection

**RESPIRATION CONTROL:** If used with adequate ventilation, no protective equipment is necessary. In enclosed spaces if exposure limits are exceeded use a NIOSH approved cartridge respirator. (S38)

**VENTILATION:** A well ventilated room with adequate air circulation. (S38)

**PROTECTIVE GLOVES:** Wear chemical resistant gloves and other clothing as required to minimize prolonged or repeated contact with skin. (S36)

**EYE AND FACE PROTECTION:** Chemical goggles if likelihood of eye contact (S36,S39)

**HYGENIC WORK PRACTICES:** Wash well with soap and water after use of product.

### Section 9 Physical and Chemical Properties

BOILING RANGE: <100°F (concentrate only)	VAPOR DENSITY(Concentrate): ___HEAVIER ___ LIGHTER, THAN AIR (= 1)	
PERCENT VOLATILE PER VOLUME: 60%	VAPOR PRESSURE (FINISHED PRODUCT) :55 – 65 psig @70°F	
pH: N/A	WEIGHT PER GALLON: 6.65 – 6.91	SPECIFIC GRAVITY: 0.800 – 0.830 (H <sub>2</sub> O=1)
SOLUBILITY IN WATER: Partly Soluble		VISCOSITY: N/A

**APPEARANCE:** Thin and straw liquid

**ODOR:** Characteristic

**Taste:** Bitter

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Section 10 Stability and Reactivity

STABILITY Unstable
X Stable

HAZARDOUS POLYMERIZATION May Occur
X Will Not Occur

INCOMPATIBILITY (Materials to Avoid) Strong oxidizing agents, strong acids and bases (S14,S50)

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon Dioxide, Carbon Monoxide and other unidentified organic compounds may be formed during combustion.

CONDITIONS TO AVOID: High temperatures above 120°F, Open flames, sparks (S47)

Section 11 Toxicological Information

No definite information available on carcinogenicity, mutagenicity, target organs or developmental toxicity.

Section 12 Ecological Information

Product is in recyclable aluminum container. Do not dispose empty containers directly to the environment. Observe proper wastewater management as regulated by Federal and Local laws.

Section 13 Disposal Considerations

Dispose in accordance with federal, state and local regulations. Disposal should be carried out under EPA state and federal laws. (S35,S36,S60)

Section 14 Transport Information

- 1. DOT: Shipping name - Consumer Commodity Hazard Class - ORM-D
2. IMGD (by water overseas) Shipping name: Aerosols Class: 2.1 UN No.: 1950 Label: Carton must be marked "Aerosols" IMGD code: Page 2102
3. IATA (by air) Shipping name: Consumer Commodity Class: 9 ID No.: 8000 (Export) / ORM-D AIR (Domestic)
Label Domestic : Consumer commodity ORM-D Air. Label Export: Aerosol Flammable

Section 15 Regulatory Information

SARA Hazard Category: This material has been reviewed according to the EPA Hazard Categories promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered to meet the following categories: NONE

SARA, Title III, Section 313 (40CFR 372): There are no Chemicals subject to reporting in Section 313 of Title III.
California VOC - 53%
California Proposition 65: The following statement is made in compliance with the California Safe Drinking and Toxic Enforcement Act of 1988: This material does not contain any chemicals known to the State of California to cause cancer

Section 16 Other Information



HAZARD RATING: Health 2 ; Flammability 3 ; Reactivity 0

REVISION DATE: 11/26/12

