

MATERIAL SAFETY DATA SHEET

NAME OF PRODUCT ProRitual Firm Hold Hair Spray

FILE NO.:
MSDS 6/19

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: ProRitual Firm Hold Hair Spray(Aerosol)

ROBANDA INTERNATIONAL, INC.

8260 Camino Santa Fe STE A ~ San Diego, CA 92121 ~ USA

Phone: 619-276-7660 ~ Fax: 619-276-7661 ~

Toll Free: (800) 783-9969

Email: sales@robanda.com ~ Web site: www.robanda.com

24 Hour Emergency Contact: ChemTel

1-800-255-3924 or 813-248-0585

Contract Number: MIS9451474

PRODUCT USE: Hair Care

PREPARED BY: MH 2019

SECTION 1 NOTES:

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT:

	CAS #	% WT
Ethanol(SDA-40B)	64-17-5	45-55%
1,1 Difluoroethane(Dupont 152A)	75-37-6	35-55%
Octylacrylamide/Acrylates/Butylaminoethyl Methacrylate Copolymer	129702-02-9	6-12%
Acrylates/t-Butylacrylamide Copolymer	26062-56-6	2-5%%
Aminomethyl Propanol	124-68-5	0.5-1.5%
Glycerin	56-81-5	0.5-1.2%
Fragrance	N/A	0.6-1.4%

3:

EMERGENCY OVERVIEW:

ROUTES OF ENTRY: Skin, Inhalation

POTENTIAL HEALTH EFFECTS

EYES: Moderately irritating but does not injure eye tissue

SKIN: Even prolonged exposure causes no known effects

INGESTION: No known adverse chronic health effects

INHALATION: Inhalation of high vapor concentrations can cause CNS-depression and narcosis.
Effects of breathing high concentrations may include cardiac irregularities.

ACUTE HEALTH HAZARDS: If swallowed, do not induce vomiting. Keep at rest, seek medical attention

CHRONIC HEALTH HAZARDS: None known

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: None known

CARCINOGENICITY

OSHA: ACGIH: 0

NTP: 0

IARC: 0

OTHER:

None known

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SECTION 3 NOTES:

SECTION 4: FIRST AID MEASURES

EYES: Flush eyes with copious water. If irritation persists, get medical attention

SKIN: No known effects. Flush skin with water to remove.

INGESTION: Flush mouth with water and drink plenty of water afterwards. If symptoms persist, contact physician.

INHALATION: Move to fresh air in case if accidental inhalation of vapors or decomposition products.

SECTION 4 NOTES:

SECTION 5: FIRE-FIGHTING MEASURES

FLASH POINT: N/A (Aerosol)
Ignition Temperature: 425C

NFPA HAZARD CLASSIFICATION

HEALTH: 1 **FLAMMABILITY:** 2 **REACTIVITY:** 0
OTHER:

HMIS HAZARD CLASSIFICATION

HEALTH: 1 **FLAMMABILITY:** 2 **REACTIVITY:** 0
PROTECTION:

EXTINGUISHING MEDIA: Use water spray. Alcohol resistant foam. Chemical fire extinguisher

SPECIAL FIRE FIGHTING PROCEDURES: In case of a fire, explosion of the aerosol cans is possible. People need to be evacuated from the storage area. Firefighters need to be informed about the presence of aerosol cans. Surrounding containers have to be cooled with water spray from a safe distance.

HAZARDOUS DECOMPOSITION PRODUCTS: None

SECTION 5 NOTES:

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES:

Land spill: Eliminate sources of ignition. Do not breathe vapors or spray mist.

Water spill: Do not flush into surface water or sanitary sewer system

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE: Store in clean, cool areas

OTHER PRECAUTIONS: Use proper grounding procedure

SECTION 7 NOTES:

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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VENTILATION : Keep a well ventilated room

RESPIRATORY PROTECTION: None needed if vapors are very minimal.

EYE PROTECTION: Eye glasses or goggles

SKIN PROTECTION: None needed

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

WORK HYGIENIC PRACTICES:

EXPOSURE GUIDELINES:

SECTION 8 NOTES:

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Vapor spray

ODOR: Pleasant aromaticl fragrance with ethanol odor

PHYSICAL STATE: Very thin prior to being vaporized. Upon vaporization, it will be a mist

pH AS SUPPLIED: 6.0-7.5

BOILING POINT:

C: 78.5

FREEZING POINT:

C: 0

SPECIFIC GRAVITY (H2O = 1):

@

C: 0.9360 @ 20C(without propellant)

EVAPORATION RATE: Volatile upon spraying

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (con't)

SOLUBILITY IN WATER: 100

PERCENT SOLIDS BY WEIGHT: Proprietary

PERCENT VOLATILE:

BY WT/ BY VOL @ less than 55%

VOLATILE ORGANIC COMPOUNDS (VOC): Ethanol 55%

WITH WATER: 7.8 LBS/GAL
WITHOUT WATER: LBS/GAL

VISCOSITY:

@

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C: 5 cst @ 20C(Prior to spraying)

SECTION 9 NOTES:

SECTION 10: STABILITY AND REACTIVITY

STABLE

UNSTABLE

STABILITY: Stable, inert fluid

CONDITIONS TO AVOID (STABILITY): Excessive heat

INCOMPATIBILITY (MATERIAL TO AVOID): None

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: None

HAZARDOUS POLYMERIZATION: None

CONDITIONS TO AVOID (POLYMERIZATION): None

SECTION 10 NOTES:

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: This product contains no known carcinogens

SECTION 11 NOTES:

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: The product is considered hazardous to water organisms.
Do not put into waterways or dispose in the ground.

SECTION 12 NOTES:

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Polymer is easily removed by normal water-treatment procedures.

RCRA HAZARD CLASS: N/A

SECTION 13: DISPOSAL CONSIDERATIONS (con't)

SECTION 13 NOTES: Complete information is not yet available

SECTION 14: TRANSPORT INFORMATION

TSCA Status: All chemical substances in this material are included on or exempted from listing on the TCSA inventory of Chemical Substances.

Land transport(ADR/RID): Class 2. Description of goods: Aerosols, flammable

EPA SARA Title 3 Chemical Listings:

Section 302 Extremely Hazardous Substances(40 CFR 355) None

Section 311/312 Hazard Class(40 CFR 302)

Acute: No

Chronic: No

Fire: Yes

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Pressure: No

Reactive: No

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Section 313 Toxic Chemical(40 CFR 372) Not present in regulated quantities

SECTION 15: REGULATORY INFORMATION

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): None

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT): None

311/312 HAZARD CATEGORIES: None

313 REPORTABLE INGREDIENTS: None

SECTION 15 NOTES:

SECTION 16: OTHER INFORMATION

OTHER INFORMATION:

PREPARATION INFORMATION:

DISCLAIMER: These data are offered in good faith as typical values and not as product specifications.
No warranty expressed or implied, is hereby made. The recommended industrial hygiene
And safe handling procedures are believed to be generally applicable. However, each user
Should review these recommendations in the specific context of the intended use and
Determine whether they are appropriate.

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