

SECTION 1: Identification**1.1. Identification**

Product form : Mixture
Trade name : Full Dry Volume & Texture Spray

1.2. Recommended use and restrictions on use

Recommended use : Cosmetics

1.3. Supplier

Living Proof, Inc.
One Design Center Place
Suite 600
Boston, MA 02210
T: 617-621-1800 F: 617-621-1880

1.4. Emergency telephone number

Emergency number : Chemtrec - +1-800-424-9300 or +1-703-527-3887


SECTION 2: Hazard(s) identification**2.1. Classification of the substance or mixture****GHS US classification**

Flammable aerosol Category 1
Gases under pressure Compressed gas

Extremely flammable aerosol
Contains gas under pressure; may explode if heated

2.2. GHS Label elements, including precautionary statements**GHS US labeling**

Hazard pictograms (GHS US) :

Signal word (GHS US) : Danger

Hazard statements (GHS US) : Extremely flammable aerosol
Contains gas under pressure; may explode if heated

Precautionary statements (GHS US) : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Do not spray on an open flame or other ignition source.
Pressurized container: Do not pierce or burn, even after use.
Protect from sunlight. Store in a well-ventilated place.
Do not expose to temperatures exceeding 50 °C/122 °F.

2.3. Other hazards which do not result in classification

No additional information available

2.4. Unknown acute toxicity (GHS US)

Not applicable

SECTION 3: Composition/Information on ingredients**3.1. Substances**

Not applicable

Full Dry Volume & Texture Spray

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

3.2. Mixtures

Name	Product identifier	%	GHS US classification
Ethyl alcohol	CAS-No.: 64-17-5	16	Flam. Liq. 2, H225 Eye Irrit. 2A, H319

INGREDIENTS: Hydrofluorocarbon 152a, Alcohol Denat., VP/VA Copolymer, VA/Crotonates/Vinyl Neodecanoate Copolymer, Calcium Sodium Borosilicate, Water/Aqua/Eau, Cyclodextrin, Zeolite, Fragrance (Parfum), Ethylcellulose, Propylene Glycol Dibenzoate, Aminomethyl Propanol, Ammonium Glycyrrhizate, Linalool, Citronellol, Citral, Limonene.

SECTION 4: First-aid measures

4.1. Description of first aid measures

First-aid measures general	: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
First-aid measures after inhalation	: Allow affected person to breathe fresh air. Allow the victim to rest.
First-aid measures after skin contact	: If skin irritation occurs: Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.
First-aid measures after eye contact	: Rinse immediately with plenty of water. Seek medical attention if ill effect or irritation develops.
First-aid measures after ingestion	: Not expected to be a primary route of exposure.

4.2. Most important symptoms and effects (acute and delayed)

Symptoms/effects	: Not expected to present a significant hazard under anticipated conditions of normal use.
Symptoms/effects after inhalation	: None under normal use. May cause respiratory irritation.
Symptoms/effects after skin contact	: None under normal conditions.
Symptoms/effects after eye contact	: None under normal conditions. May cause slight temporary irritation.
Symptoms/effects after ingestion	: None under normal use.

4.3. Immediate medical attention and special treatment, if necessary

Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media	: Carbon dioxide. Dry powder. Foam. Water spray.
Unsuitable extinguishing media	: None known.

5.2. Specific hazards arising from the chemical

Fire hazard	: Extremely flammable aerosol. Cool closed containers exposed to fire with water spray. Contains gas under pressure; may explode if heated. Thermal decomposition may produce : Carbon oxides (CO, CO ₂). Hydrofluoric Acid. Carbonyl fluoride.
Explosion hazard	: Heat may build pressure, rupturing closed containers, spreading fire and increasing risk of burns and injuries.

5.3. Special protective equipment and precautions for fire-fighters

Firefighting instructions	: Use water spray or fog for cooling exposed containers. Prevent fire-fighting water from entering environment.
Protection during firefighting	: Do not attempt to take action without suitable protective equipment.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures	: Eliminate every possible source of ignition.
------------------	--

Full Dry Volume & Texture Spray

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

6.1.1. For non-emergency personnel

Emergency procedures : Evacuate unnecessary personnel.

6.1.2. For emergency responders

Protective equipment : Equip cleanup crew with proper protection.

Emergency procedures : Ventilate area.

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

For containment : Collect spillage.

Methods for cleaning up : This material and its container must be disposed of in a safe way, and as per local legislation.

6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection". For disposal of residues refer to section 13 : "Disposal considerations".

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Avoid contact with eyes. Do not breathe vapors. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Hygiene measures : Do not eat, drink or smoke when using this product.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Aerosol Storage level 1. Keep cool. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Store in a well-ventilated place.

Incompatible materials : Strong oxidizing agents. Powdered metals. Powdered metallic salts. Alkali metals. Alkaline earth metals.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Full Dry Volume & Texture Spray	
No additional information available	
Ethyl alcohol (64-17-5)	
USA - ACGIH - Occupational Exposure Limits	
Local name	Ethanol
ACGIH OEL STEL [ppm]	1000 ppm
Remark (ACGIH)	TLV® Basis: URT irr. Notations: A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans)
ACGIH chemical category	Confirmed Animal Carcinogen with Unknown Relevance to Humans
Regulatory reference	ACGIH 2021
USA - OSHA - Occupational Exposure Limits	
Local name	Ethyl alcohol (Ethanol)
OSHA PEL (TWA) [1]	1900 mg/m ³

Full Dry Volume & Texture Spray

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Ethyl alcohol (64-17-5)	
OSHA PEL (TWA) [2]	1000 ppm
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1
USA - IDLH - Occupational Exposure Limits	
IDLH [ppm]	3300 ppm (10% LEL)
USA - NIOSH - Occupational Exposure Limits	
NIOSH REL (TWA)	1900 mg/m ³
NIOSH REL TWA [ppm]	1000 ppm

8.2. Appropriate engineering controls

Environmental exposure controls : Avoid release to the environment.

8.3. Individual protection measures/Personal protective equipment

Personal protective equipment:

None under normal use.

Hand protection:

None under normal use

Eye protection:

None under normal use

Skin and body protection:

None under normal use

Respiratory protection:

None under normal use

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: Opaque. Powder.Dispersion.
Color	: Off-white
Odor	: Characteristic
Odor threshold	: No data available
pH	: 7.5 – 8.5
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Relative evaporation rate (butyl acetate=1)	: No data available
Flammability (solid, gas)	: Extremely flammable aerosol.
Vapor pressure	: 469-620 kPa (68 - 90 psi; 21°C / 69.8°F)
Relative vapor density at 20 °C	: No data available
Relative density	: No data available
Solubility	: No data available
Partition coefficient n-octanol/water (Log Pow)	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity, kinematic	: No data available

Full Dry Volume & Texture Spray

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Viscosity, dynamic	: No data available
Explosion limits	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available

9.2. Other information

VOC content	: < 17 %
Gas group	: Compressed gas

SECTION 10: Stability and reactivity

10.1. Reactivity

Heating will cause a rise in pressure with a risk of bursting. Avoid ignition sources. Avoid temperature above. 50 °C.

10.2. Chemical stability

Extremely flammable aerosol. Contains gas under pressure; may explode if heated.

10.3. Possibility of hazardous reactions

Heating may cause a fire or explosion.

10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures. Open flame.

10.5. Incompatible materials

Strong oxidizing agents. Powdered metals. Powdered metallic salts. Alkali metals. Alkaline earth metals.

10.6. Hazardous decomposition products

No hazardous decomposition products known at room temperature.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral)	: Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (dermal)	: Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (inhalation)	: Not classified (Based on available data, the classification criteria are not met)

Ethyl alcohol (64-17-5)

LD50 oral rat	7060 mg/kg
LC50 Inhalation - Rat	133.8 mg/l/4h

Skin corrosion/irritation	: Not classified (Based on available data, the classification criteria are not met)
Serious eye damage/irritation	: Not classified (On basis of test data) pH: 7.5 – 8.5
Respiratory or skin sensitization	: Not classified (On basis of test data)
Germ cell mutagenicity	: Not classified (Based on available data, the classification criteria are not met)
Carcinogenicity	: Not classified (Based on available data, the classification criteria are not met)
Reproductive toxicity	: Not classified (Based on available data, the classification criteria are not met)
STOT-single exposure	: Not classified (Based on available data, the classification criteria are not met)
STOT-repeated exposure	: Not classified (Based on available data, the classification criteria are not met)

Ethyl alcohol (64-17-5)

NOAEL (subchronic, oral, animal/male, 90 days)	< 9700 mg/kg body weight Animal: mouse, Animal sex: male, Guideline: EPA OPPTS 870.3100 (90-Day Oral Toxicity in Rodents)
--	---

Full Dry Volume & Texture Spray

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Ethyl alcohol (64-17-5)	
NOAEL (subchronic,oral,animal/female,90 days)	> 9400 mg/kg body weight Animal: mouse, Animal sex: female, Guideline: EPA OPPTS 870.3100 (90-Day Oral Toxicity in Rodents)
Aspiration hazard	: Not classified (Based on available data, the classification criteria are not met)
Viscosity, kinematic	: No data available
Symptoms/effects	: Not expected to present a significant hazard under anticipated conditions of normal use.
Symptoms/effects after inhalation	: None under normal use. May cause respiratory irritation.
Symptoms/effects after skin contact	: None under normal conditions.
Symptoms/effects after eye contact	: None under normal conditions. May cause slight temporary irritation.
Symptoms/effects after ingestion	: None under normal use.
Other information	: Historical Data, not tested on Animals for cosmetics. Likely routes of exposure: inhalation, skin and eye.

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : Historical Data, not tested on Animals for cosmetics.

Ethyl alcohol (64-17-5)	
LC50 - Fish [1]	12 – 16 ml/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])
LC50 - Other aquatic organisms [1]	5012 mg/l 48 hours- daphnia
EC50 - Crustacea [1]	9268 – 14221 mg/l (Exposure time: 48 h - Species: Daphnia magna)
EC50 - Other aquatic organisms [1]	5012 mg/l waterflea
LC50 - Fish [2]	> 100 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])
EC50 - Crustacea [2]	2 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])
EC50 - Other aquatic organisms [2]	275 mg/l
ErC50 algae	275 mg/l Source: ECHA
ErC50 other aquatic plants	4432 mg/l
NOEC (acute)	9.6 mg/l Daphnia magna
NOEC (chronic)	9.6 mg/l Test organisms (species): Daphnia magna Duration: '9 d'
NOEC chronic crustacea	9.6 mg/l

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

Ethyl alcohol (64-17-5)	
Partition coefficient n-octanol/water (Log Pow)	-0.32

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

No additional information available

Full Dry Volume & Texture Spray

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

SECTION 13: Disposal considerations

13.1. Disposal methods

No additional information available

SECTION 14: Transport information

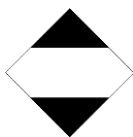
In accordance with Department of Transport / Transportation of Dangerous Goods / IMDG / IATA

Consult the associated transport regulations for available and applicable exceptions or exemptions.

Department of Transportation (DOT)

In accordance with DOT

Transport document description	: UN1950 Aerosols, 2.1
UN-No.(DOT)	: UN1950
Proper Shipping Name (DOT)	: Aerosols
Technical Shipping Name (DOT)	: Not applicable
Hazard class (DOT)	: 2.1 - Class 2.1 - Flammable gas 49 CFR 173.115
Subsidiary hazard class (DOT)	: None
Packing group (DOT)	: None
Hazard labels (DOT)	: LTD QTY - Limited quantity



DOT Packaging Non Bulk (49 CFR 173.xxx)	: None
DOT Packaging Bulk (49 CFR 173.xxx)	: None
DOT Special Provisions (49 CFR 172.102)	: N82.
DOT Packaging Exceptions (49 CFR 173.xxx)	: 306
DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27)	: 75 kg
DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75)	: 150 kg
DOT Vessel Stowage Location	: A
DOT Vessel Stowage Other	: 25;87;126
Emergency Response Guide (ERG) Number	: 126
Other information	: No supplementary information available.

Transportation of Dangerous Goods

In accordance with TDG

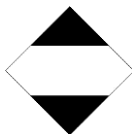
UN-No. (TDG)	: UN1950
TDG Primary Hazard Classes	: 2.1 - Class 2.1 - Flammable Gas
Subsidiary hazard classes	: None
Transport document description	: UN1950 AEROSOLS, 2.1
Proper Shipping Name (Transportation of Dangerous Goods)	: AEROSOLS
Technical Shipping Name (TDG)	: Not applicable

Full Dry Volume & Texture Spray

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Hazard labels (TDG) : LTD QTY - Limited quantity

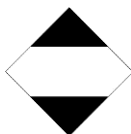


Packing group : None
TDG Special Provisions : 80, 107
Explosive Limit and Limited Quantity Index : 1 L
Passenger Carrying Road Vehicle or Passenger Carrying Railway Vehicle Index : 75 L

Transport by sea

In accordance with IMDG

Transport document description (IMDG) : UN 1950 AEROSOLS, 2.1, LTD QTY
UN-No. (IMDG) : UN 1950
Proper Shipping Name (IMDG) : AEROSOLS
Technical Shipping Name (IMDG) : Not applicable
Transport hazard class(es) (IMDG) : 2.1
Subsidiary hazard class(es) (IMDG) : None
Danger labels (IMDG) : LTD QTY - Limited quantity



Packing group (IMDG) : Not applicable
Special provisions (IMDG) : 63, 190, 277, 327, 344, 381, 959
Limited Quantities (IMDG) : SP277
Packing instructions (IMDG) : P207, LP200
Special packing provisions (IMDG) : PP87, L2
EmS-No. (Fire) : F-D
EmS-No. (Spillage) : S-U
Stowage category (IMDG) : None
Stowage and handling (IMDG) : SW1, SW22
Segregation (IMDG) : SG69

Air transport

In accordance with IATA

May also be transported as a consumer commodity when classified as ID8000 under Class 9 Miscellaneous Dangerous Goods.

Transport document description (IATA) : UN 1950 Aerosols, flammable, 2.1
UN-No. (IATA) : UN1950
Proper Shipping Name (IATA) : Aerosols, flammable
Technical Shipping Name (IATA) : Not applicable
Transport hazard class(es) (IATA) : 2.1
Subsidiary hazard class(es) (IATA) : None
Danger labels (IATA) : 2.1, LTD QTY - Limited quantity



Packing group (IATA) : Not applicable

Full Dry Volume & Texture Spray

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

PCA Limited quantities (IATA)	: Y203
PCA limited quantity max net quantity (IATA)	: 30kgG
PCA packing instructions (IATA)	: 203
PCA max net quantity (IATA)	: 75kgG
CAO packing instructions (IATA)	: 203
CAO max net quantity (IATA)	: 150kgG
Special provisions (IATA)	: A145, A167, A802
ERG code (IATA)	: 10L

SECTION 15: Regulatory information

15.1. US Federal regulations

No additional information available.

15.2. International regulations

CANADA

No additional information available.

EU-Regulations

No additional information available.

National regulations

No additional information available.

15.3. US State regulations

No additional information available.

SECTION 16: Other information

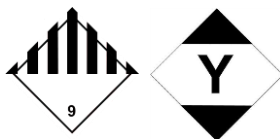
according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Revision date : 15 July 2021

Air transport

In accordance with IATA

Transport document description (IATA)	: ID 8000 Consumer commodity, 9
UN-No. (IATA)	: ID 8000
Proper Shipping Name (IATA)	: Consumer commodity
Technical Shipping Name (IATA)	: Not applicable
Transport hazard class(es) (IATA)	: 9
Subsidiary hazard class(es) (IATA)	: None
Danger labels (IATA)	: 9, LTD QTY - Limited quantity



Packing group (IATA)	: Not applicable
PCA Limited quantities (IATA)	: Y963
PCA limited quantity max net quantity (IATA)	: 30kgG
PCA packing instructions (IATA)	: Y963
PCA max net quantity (IATA)	: 30kgG
CAO packing instructions (IATA)	: Y963
CAO max net quantity (IATA)	: 30kgG
Special provisions (IATA)	: A112
ERG code (IATA)	: 9L

Full Dry Volume & Texture Spray

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Safety Data Sheet (SDS), USA

The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.