



SDS

Safety Data Sheet

MSDS Number: 14916969

El Dorado Water & Stain Repellent

Revision Date: 12/4/2015

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1 PRODUCT AND COMPANY IDENTIFICATION

Manufacturer

Apollo Technologies, Inc.
1850 S. Cobb Industrial Boulevard
Smyrna, GA 30082

Vendor

Wenley House

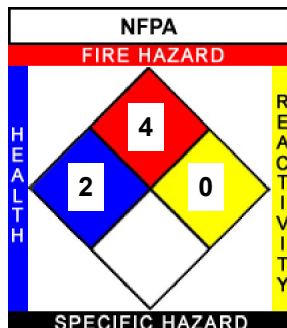
Phone: 770-433-0210

Product Name: El Dorado Water & Stain Repellent
Revision Date: 12/4/2015
Version: New
MSDS Number: 14916969
Common Name: Aerosol Water Repellent
Product Use: Aerosol Water Repellent

2 HAZARDS IDENTIFICATION

Route of Entry: Eyes - Yes Skin - Yes Inhalation - Yes Ingestion - Unlikely
Target Organs: Eyes; Skin; Nervous System; Lungs; Liver; Kidneys;
Inhalation: May cause respiratory tract irritation. This product may be aspirated into the lungs and cause chemical pneumonitis.
Skin Contact: Prolonged contact with skin may cause irritation, de-fatting and burning of skin.
Eye Contact: May cause irritation. Symptoms include stinging, tearing, redness and swelling of eyes.
Ingestion: Not a normal route of exposure. Ingestion may cause nausea and vomiting. ASPIRATION HAZARD - This material can enter lungs during swallowing or vomiting and cause lung inflammation and damage. Swallowing large amounts may be harmful.

NFPA: Health = 2, Fire = 4, Reactivity = 0
HMIS III: H2/F4/PH0



HMIS III	
HEALTH	2
FLAMMABILITY	4
PHYSICAL HAZARDS	0
PERSONAL PROTECTION B Safety Glasses, Gloves	

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GHS Signal Word:

DANGER

GHS Hazard Pictograms:



GHS Classifications:

Physical, Flammable Aerosols, 1
Health, Acute toxicity, 4 Oral
Health, Skin corrosion/irritation, 2
Health, Serious Eye Damage/Eye Irritation, 2 B
Health, Specific target organ toxicity - Single exposure, 3
Health, Specific target organ toxicity - Repeated exposure, 2
Health, Germ cell mutagenicity, 1
Health, Carcinogenicity, 2
Health, Reproductive toxicity, 2
Health, Aspiration hazard, 2

GHS Phrases:

H222 - Extremely flammable aerosol
H229 - Pressurized container: may burst if heated
H302 - Harmful if swallowed
H315 - Causes skin irritation
H320 - Causes eye irritation
H335 - May cause respiratory irritation
H336 - May cause drowsiness or dizziness
H373 - May cause damage to organs through prolonged or repeated exposure
H340 - May cause genetic defects
H351 - Suspected of causing cancer
H361 - Suspected of damaging fertility or the unborn child
H305 - May be harmful if swallowed and enters airways

GHS Precautionary Statements:

P102 - Keep out of reach of children.
P210 - Keep away from heat/sparks/open flames/hot surfaces. No smoking
P243 - Take precautionary measures against static discharge.
P251 - Pressurized container: Do not pierce or burn, even after use.
P261 - Avoid breathing dust/fume/gas/mist/vapors/spray.
P270 - Do not eat, drink or smoke when using this product.
P281 - Use personal protective equipment as required.
P285 - In case of inadequate ventilation wear respiratory protection.
P301+330+331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P301+312 - IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
P302+352 - IF ON SKIN: Wash with soap and water.
P304+341 - IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305+351+338 - IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do.

Continue rinsing.

P314 - Get Medical advice/attention if you feel unwell.
P333+313 - If skin irritation or a rash occurs: Get medical advice/attention.
P362 - Take off contaminated clothing and wash before reuse.
P412 - Do not expose to temperatures exceeding 50 °C/122 °F

CONDITIONS AGGRAVATED BY EXPOSURE: Pre-existing skin and lung disorders (asthma like).

LISTED CARCINOGENS: OSHA - Not listed IARC - Group 2B (possibly) NTP - Not listed



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3 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients:

Cas #	Percentage	Chemical Name
142-82-5	50-70%	Heptane
68476-86-8	30-40%	Propane/ Isobutane

4 FIRST AID MEASURES

Inhalation:	Move to fresh air and keep at rest. Call a physician if symptoms develop and persist.
Skin Contact:	Wash with soap and water. If skin irritation persists, call a physician immediately. Remove contaminated clothing and wash before reuse.
Eye Contact:	Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.
Ingestion:	Rinse mouth. Do not induce vomiting without advice from poison control center. If vomiting occurs, keep head low to avoid getting into the lungs. Call a poison control center if large amounts are ingested. Never give anything by mouth to an unconscious person.

5 FIRE FIGHTING MEASURES

Flammability:	EXTREMELY FLAMMABLE per Flame Projection Test
Flash Point:	-1.4°F (-7°C) (concentrate)
Flash Point Method:	Estimated
Autoignition Temp:	Not established
LEL:	Not established
UEL:	Not established

Means of Extinction:

Suitable Extinguishing Media: Powder, water spray, foam, carbon dioxide.

Unsuitable Extinguishing Media: Not available.

Products of Combustion: May include, and are not limited to: oxides of carbon.

Explosion Data:

Sensitivity to Mechanical Impact: Not available.

Sensitivity to Static Discharge: Not available.

Protection of Firefighters: Containers may explode when heated. Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA).

6 ACCIDENTAL RELEASE MEASURES

Personal Precautions: Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel. Eliminate sources of ignition.

Ruptured cylinders may rocket.

Environmental Precautions: Many gases are heavier than air and will spread along ground and collect in low or confined areas (sewers, basements, tanks). This material is a water pollutant. Keep out of drains, sewers, ditches, and waterways. Minimize use of water to prevent environmental contamination.

Methods for Containment: Contain and/or absorb spill with inert material (e.g. sand,



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vermiculite), then place in a suitable container. Do not flush to sewer or allow to enter waterways. Use appropriate Personal Protective Equipment (PPE).

Methods for Clean-Up: Vacuum or sweep material and place in a disposal container. Allow gas to dissipate harmlessly into the atmosphere.

7 HANDLING AND STORAGE

Handling Precautions:

HARMFUL IF INHALED OR SWALLOWED. VAPOR HARMFUL. VAPORS MAY CAUSE FLASH FIRE. EYE, SKIN AND RESPIRATORY IRRITANT. Contents under pressure. Keep out of reach of children. Read label cautions carefully. Follow label directions to avoid injury. Use with adequate ventilation. Do not use in confined areas. Keep away from heat, sparks or open flames. Wash hands thoroughly after each use. Do not smoke while using. Avoid contact with skin and eyes. Avoid breathing vapor or mist. Do not puncture container. Vapors can cause flash fires.

Storage Requirements:

Keep out of reach of children. Do not store near heat, sparks, or open flames. Do not expose to temperatures above 120°F as container may vent, rupture or burst. Do not puncture or incinerate container.

Store in accordance with NFPA 30B for LEVEL 3 AEROSOL.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls:

Use ventilation adequate to keep exposures below recommended exposure limits.

Personal Protective Equip:

HMIS PP, B | Safety Glasses, Gloves

Eyes Protection: Wear eye/face protection.

Hand Protection: Wear suitable gloves.

Skin and Body Protection: Wear suitable protective clothing.

Respiratory Protection: In case of insufficient ventilation, wear suitable respiratory equipment.

INGREDIENTS	OSHA-PEL	EXPOSURE LIMITS	
		ACGIH-TLV	OTHER
Heptane	300 ppm	200 ppm	
Propane	Not established	1000 ppm	



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9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	clear colorless liquid
Physical State:	Mixture packaged in pressurized aerosol spray can.
Odor:	solvent
Solubility:	Insoluble
Spec Grav./Density:	0.690 - 0.720 g/ml
Boiling Point:	>150
Freezing/Melting Pt.:	Not established
Flammability:	Extremely flammable
Flash Point:	-1.4°F (-7C) (concentrate)
pH:	Not applicable
VOC:	99%
Evap. Rate:	> 1.00 (BuAc=1)
Auto-Ignition Temp:	Not established
UFL/LFL:	Not established

10 STABILITY AND REACTIVITY

Stability:	Product is stable under normal conditions.
Conditions to Avoid:	Heat, sparks, open flames and temperatures above 120°F
Materials to Avoid:	Strong Oxidizing Agents.
Hazardous Decomposition:	CO, CO ₂ , and hydrocarbons.
Hazardous Polymerization:	Will not occur.

11 TOXICOLOGICAL INFORMATION

No product toxicological information is available.

12 ECOLOGICAL INFORMATION

No product ecological information is available.

13 DISPOSAL CONSIDERATIONS

Use material for its intended purpose or recycle if possible. This material, if it must be discarded, may meet the criteria of a hazardous waste as defined by US EPA under RCRA (40 CFR 261) or other State and local regulations. Measurement of certain physical properties and analysis for regulated components may be necessary to make a correct determination. If this material is classified as a hazardous waste, federal law requires disposal at a licensed hazardous waste disposal facility.

14 TRANSPORT INFORMATION

DOT Class: Flammable Gas (2.1) #2.1
UN #: UN 1950, Class: 2, Proper Shipping Name: Aerosols, flammable
DOT



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UN Number UN1950
UN proper shipping name Aerosols, flammable
Transport Hazard Class(es)
Class 2.1
Subsidiary risk ---
Label(s) 2.1
Packing group Not applicable

IATA

UN Number UN1950
UN proper shipping name Aerosols, flammable
Transport Hazard Class(es)
Class 2.1
Subsidiary risk ---
Label(s) 2.1
Packing group Not applicable
Environmental hazards No
Other information
Passenger and cargo aircraft Allowed
Cargo aircraft only Allowed

IMDG

UN Number UN1950
UN proper shipping name Aerosols, flammable
Transport Hazard Class(es)
Class 2.1
Subsidiary risk ---
Label(s) 2.1
Packing group Not applicable
Environmental hazards No

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REGULATORY INFORMATION

*Heptane (142825 50-70%) MASS, OSHAWAC, PA, TSCA, TXAIR

*Propane/ Isobutane (68476868 30-40%) TSCA

CERCLA = Superfund clean up substance
HAP = Hazardous Air Pollutants
MASS = MA Massachusetts Hazardous Substances List
OSHAWAC = OSHA workplace Air Contaminants
PA = PA Right-To-Know List of Hazardous Substances
SARA313 = SARA 313 Title III Toxic Chemicals
TSCA = Toxic Substances Control Act
TXAIR = TX Air Contaminants with Health Effects Screening Level
NJHS = NJ Right-to-Know Hazardous Substances
TOXICRCRA = RCRA Toxic Hazardous Wastes (U-List)
TXHWL = TX Hazardous Waste List

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65):



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WARNING: This product contains a chemical(s) known to the State of California to cause cancer, birth defects or other reproductive harm.

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OTHER INFORMATION

The information provided herein was believed to be accurate at the time of preparation and prepared from a compilation of sources believed to be reliable, but it is the responsibility of the user to investigate and understand other pertinent sources of information, to comply with all laws and procedures applicable to the safe handling and use of this product, and to determine the suitability of the product for its intended use.

Author: JB

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Revision No.: 1