

# MATERIAL SAFETY DATA SHEET

Revision 1

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## SECTION I - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: 18 oz Rock Doctor Granite Sealer

Product Code: 02700048f

TradeName(s):

FOR EMERGENCY ASSISTANCE INVOLVING CHEMICALS CALL  
CHEMTREC 800-424-9300

**SUPPLIER:**  
**APEX PRODUCTS, LLC**  
**8333 MELROSE DR.**  
**LENEXA, KS 66214**  
**1-800-543-8371**

## SECTION II - COMPOSITION/INFORMATION ON INGREDIENTS

<u>Chemical Name / CAS No</u>	<u>OSHA Exposure Limits</u>	<u>ACGIH Exposure Limits</u>	<u>Other Exposure Limits</u>
AQUA AMMONIA 1336-21-6 < 1 %	25 ppm		
ETHYL ALCOHOL, SDA 40b 64-17-5 < 5 %	1000 PPM		
PERFLUOROALKYL PHOSPHATE SALT 65530-63-4 < 2 %	NONE ESTABLISHED		
BUTANE 106-97-8 < 3 %	800 ppm TWA		
PROPANE 74-98-6 < 3 %	1000 ppm PEL 2100 ppm IDLH		

## SECTION III - HEALTH HAZARD INFORMATION

EFFECTS OF OVER EXPOSURE: INHALATION: SHORTNESS OF BREATH, DIZZINESS AND LIGHTHEADEDNESS. EYE: CAN CAUSE EYE IRRITATION. SKIN: SLIGHT SKIN IRRITATION, CAN CAUSE DERMATITIS. INGESTION: MAY CAUSE CHEMICAL PNEUMONIA IF ASPIRATED INTO LUNG.



HMIS Rating: 3 - 4 - 0

PROLONGED EXPOSURE ABOVE THE OSHA PERMISSIBLE EXPOSURE LIMITS (PEL) MAY RESULT IN KIDNEY AND LIVER DAMAGE

ACUTE TOXICITY: NOT DETERMINED

### Effects of Overexposure, BUTANE:

EYE CONTACT THE GAS PHASE IS NOT EXPECTED TO CAUSE EYE IRRITATION. THE LIQUID PHASE CAN CAUSE

**Effects of Overexposure, BUTANE:**

FROSTBITE AND BURNS

- SKIN CONTACT CONTACT CAN CAUSE SKIN BURNS AND FROSTBITE
- INHALATION THIS PRODUCT IS AN ASPHYXIATE AND MAY EXHIBIT ANESTHETIC PROPERTIES AT HIGH CONCENTRATIONS.
- INGESTION THIS MATERIAL IS GAS UNDER NORMAL ATMOSPHERIC CONDITIONS

**Effects of Overexposure, AQUA AMMONIA:**

- INHALATION HIGHLY IRRITATING TO THROAT AT 400PPM, CAUSES EDEMA, DYSPNOEA, BRONCHOSPASM, CHEST PAINS. INHALATION OF 500PPM IS CONSIDERED IMMEDIATELY DANGEROUS TO LIFE AND HEALTH.
- EYE/SKIN CONTACT INTENSELY IRRITATING TO EYES AND CAN CAUSE CORNEAL ULCERATION OR BLINDNESS. IT IS CORROSIVE TO THE SKIN AND CAN CAUSE SEVERE BURNS.
- INGESTION CAUSES EXTREME BURNING AND POSSIBLE DEATH FROM SHOCK OR ASPHYXIA.

**Effects of Overexposure, ETHYL ALCOHOL, SDA 40b:**

- SKIN CONTACT MAY CAUSE DERMATITIS BY DEFATING THE SKIN FROM PROLONGED EXPOSURE OR REPEATED CONTACT.
- INHALATION UPPER RESPIRATORY TRACT IRRITATION, DROWSINESS AND DIZZINESS MAY OCCUR.
- EYE CONTACT MAY BE IRRITATING TO THE EYES.
- INGESTION EFFECTS OF ETHYL ALCOHOL INGESTION DEPEND ON THE AMOUNT AND RATE OF CONSUMPTION. SHORT TERM OVEREXPOSURE MAY CAUSE DRUNKENESS, DEPRESSION OF CENTRAL NERVOUS SYSTEM, LIVER DAMAGE AND POSSIBLE DEATH.

**Effects of Overexposure, PROPANE:**

- EYE CONTACT THE GAS PHASE IS NOT EXPECTED TO CAUSE EYE IRRITATION. THE LIQUID PHASE CAN CAUSE FROSTBITE AND BURNS
- SKIN CONTACT CONTACT CAN CAUSE SKIN BURNS AND FROSTBITE
- INHALATION THIS PRODUCT IS AN ASPHYXIATE AND MAY EXHIBIT ANESTHETIC PROPERTIES AT HIGH CONCENTRATIONS.
- INGESTION THIS MATERIAL IS GAS UNDER NORMAL ATMOSPHERIC CONDITIONS

CARCINOGENICITY: NOT DETERMINED

MEDICAL CONDITIONS PRONE TO AGGRAVATION BY EXPOSURE: NONE RECOGNIZED

PROLONGED EXPOSURE ABOVE THE OSHA PERMISSIBLE EXPOSURE LIMITS (PEL) MAY RESULT IN KIDNEY AND LIVER DAMAGE

**SECTION IV - FIRST AID PROCEDURES**

INHALATION: REMOVE INDIVIDUAL TO FRESH AIR. GIVE OXYGEN IF BREATHING IS LABORED. IF BREATHING HAS STOPPED GIVE ARTIFICIAL RESPIRATION. KEEP PERSON WARM, QUIET AND SEEK MEDICAL ATTENTION.  
EYES: FLUSH WITH LARGE AMOUNTS OF WATER FOR AT LEAST 20 MINUTES. LIFTING UPPER AND LOWER LIDS OCCASIONALLY, GET MEDICAL ATTENTION  
SKIN: THOROUGHLY WASH EXPOSED SKIN WITH SOAP AND WATER.  
IF SWALLOWED: DO NOT INDUCE VOMITTING. IMMEDIATELY DRINK TWO GLASSES OF WATER. NEVER GIVE ANYTHING TO AN UNCONSCIOUS PERSON. GET MEDICAL ATTENTION,

**SECTION V - FIRE HAZARDS**

Flash Point: NOT DETERMINED  
Autoignition: NOT DETERMINED  
LEL: 1.8 %  
UEL: 9.5 %

WATER FOG OR FINE SPRAY. CARBON DIOXIDE, DRY CHEMICAL, FOAM, ALCOHOL RESISTANT FOAMS (ATC TYPE) ARE PREFERRED IF AVAILABLE. GENERAL PURPOSE SYNTHETIC FOAMS (INCLUDING AFFF) OR PROTEIN FOAMS MAY FUNCTION , BUT MUCH LESS EFFECTIVELY.

MATERIAL IS HIGHLY VOLATILE AND READILY GIVES OFF VAPORS WHICH MAY TRAVEL ALONG THE GROUND AND IGNITED BY PILOT LIGHTS, FLAMES, SPARKS, HEATERS, SMOKING, ELECTRIC MOTORS, STATIC DISCHARGES OR OTHER IGNITION SOURCE DISTANT FROM THE HANDLING POINT.  
 BURNING CAN PRODUCE CARBON MONOXIDE AND/OR CARBON DIOXIDE AND TRACES OF PHOSGENE GAS

KEEP PEOPLE AWAY. ISOLATE FIRE AREA AND DENY UNNECESSARY ENTRY. BURNING LIQUIDS MAY BE MOVED BY FLUSHING WITH WATER TO PROTECT PERSONNEL AND MINIMIZE PROPERTY DAMAGE. BURNING LIQUIDS MAY BE EXTINGUISHED BY DILUTION WITH WATER. DO NOT USE DIRECT WATER STREAM, MAY SPREAD FIRE.  
 PROTECTIVE EQUIPMENT FOR FIRE FIGHTERS: WEAR POSITIVE-PRESSURE SELF-CONTAINED BREATHING APPARATUS (SCBA) AND PROTECTIVE FIRE FIGHTING CLOTHING. IF PROTECTIVE EQUIPMENT IS NOT AVAILABLE, FIGHT FIRE FROM A PROTECTED LOCATION OR SAFE DISTANCE.

**SECTION VI - SPILL OR LEAK PROCEDURES**

EMERGENCY ACTION: ISOLATE SPILL OR LEAK AREA IMMEDIATELY. KEEP UNAUTHORIZED PERSONNEL AWAY. VENTILATE AREA AND ELIMINATE ALL IGNITION SOURCES.  
 SMALL SPILLS: CLEAN UP WITH INERT MATERIALS AND DISPOSE OF IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS.  
 LARGE SPILLS: DIKE AHEAD OF LIQUID SPILL FOR LATER DISPOSAL. DO NOT DISCHARGE EFFLUENT OF THIS PRODUCT INTO LAKES, STREAMS, PONDS OR OTHER WATERS UNLESS IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL REQUIREMENTS.

**SECTION VII - HANDLING AND STORAGE**

KEEP CONTAINERS TIGHTLY CLOSED. ISOLATE FROM HEAT, SPARKS AND OPEN FLAMES. CLOSED CONTAINERS MAY EXPLODE WHEN EXPOSED TO EXTREME HEAT.  
 DO NOT STORE IN DIRECT SUNLIGHT, NEAR OPEN FLAMES/SPARKS OR AT TEMPERATURES EXCEEDING 120F

**SECTION VIII - EXPOSURE CONTROL & PERSONAL PROTECTION**

<u>Chemical Name / CAS No</u>	<u>OSHA Exposure Limits</u>	<u>ACGIH Exposure Limits</u>	<u>Other Exposure Limits</u>
AQUA AMMONIA 1336-21-6	25 ppm		
ETHYL ALCOHOL, SDA 40b 64-17-5	1000 PPM		
PERFLUOROALKYL PHOSPH 65530-63-4	NONE ESTABLISHED		
BUTANE 106-97-8	800 ppm TWA		
PROPANE 74-98-6	1000 ppm PEL 2100 ppm IDLH		

ENGINEERING CONTROLS: PROVIDE GENERAL AND/OR LOCAL EXHAUST VENTILATION TO CONTROL AIRBORNE LEVELS BELOW THE EXPOSURE GUIDELINES  
 GENERAL VENTILATION MAY BE ADEQUATE FOR MAINTAINING AIRBORNE CONCENTRATIONS BELOW ESTABLISHED EXPOSURE LIMITS. IF GENERAL VENTILATION IS INADEQUATE, SUPPLEMENTAL LOCAL EXHAUST MAY BE REQUIRED. WHERE EXPLOSIVE MIXTURE MAY BE PRESENT, SYSTEMS SAFE FOR SUCH LOCATIONS SHOULD BE USED. OTHER SPECIAL PRECAUTIONS, SUCH AS RESPIRATORY PROTECTION, MAY BE REQUIRED IF AIRBORNE CONCENTRATIONS CANNOT BE REDUCED TO BELOW THE ESTABLISHED EXPOSURE LIMITS.

PERSONAL PROTECTIVE EQUIPMENT IS RECOMMENDED FOR PROLONGED OR REPEATED CONTACT. APPROPRIATE CHEMICAL RESISTANT GLOVES SHOULD ALWAYS BE WORN. CHEMICAL SPLASH GOGGLES OR FACE SHIELD IS RECOMMENDED. OTHER PERSONAL PROTECTIVE CLOTHING AND EQUIPMENT AS LISTED IN 29CFR1910.132&133.  
 ALL CONTAMINATED PERSONAL PROTECTIVE EQUIPMENT SHOULD BE COLLECTED AND DISPOSED OF ACCORDING TO ALL LOCAL, STATE AND FEDERAL REGULATIONS.

**SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES**

Appearance	AEROSOL SPRAY
Odor	FRAGRANCE
Physical State	NOT DETERMINED
Vapor Density	NOT DETERMINED
Evaporation Rate	IS SLOWER THAN ETHER
% Volume Volatile	NOT DETERMINED
Specific Gravity (SG)	NOT DETERMINED
Lbs VOC/Gallon Less Water	NOT DETERMINED

SECTION X - STABILITY AND REACTIVITY

STABLE UNDER NORMAL CONDITIONS. KEEP AWAY FROM HEAT, SPARKS OR OPEN FLAMES.

AVOID CONTACT WITH STRONG OXIDIZING AGENTS, STRONG ALKALIES AND STRONG MINERAL ACIDS.

AVOID CONTACT WITH STRONG ACIDS, HALOGENS, NON-FERROUS METALS, BORON, CHLORITES, CHROMIUM TRIOXIDE, DIMETHYL SULFATE, ETHYLENE OXIDE, GOLD, MERCURY, NITROGEN TETROXIDE AND OLEUM.

HEATING FORMS GASEOUS AMMONIA. NORMAL COMBUSTION PRODUCTS ARE NITROGEN AND WATER BUT OXIDES OF NITROGEN MAY BE FORMED UNDER CERTAIN CONDITIONS.

BURNING CAN PRODUCE CARBON MONOXIDE AND/OR CARBON DIOXIDE AND TRACES OF PHOSGENE GAS

Hazardous polymerization will not occur.

SECTION XI - TOXICOLOGY

NOT DETERMINED

SECTION XII - ECOLOGICAL

NOT DETERMINED

SECTION XIII - DISPOSAL INSTRUCTIONS

EMPTY AEROSOL CONTAINERS MAY BE DISPOSED OF THROUGH NORMAL CHANNELS. FULL OR PARTIALLY FULL CONTAINERS ARE CONSIDERED HAZARDOUS WASTE AND MUST BE DISPOSED OF ACCORDINGLY.

SECTION XIV - TRANSPORTATION

DEPARTMENT OF TRANSPORTATION: FOR DOT REGULATORY INFORMATION, IF REQUIRED, CONSULT TRANSPORTATION REGULATIONS OR PRODUCT SHIPPING PAPERS.

<u>Purview</u>	<u>Proper Shipping Name</u>	<u>UN Number</u>	<u>Packing Group</u>	<u>HazardClass</u>
DOT	CONSUMER COMMODITY			ORM-D

SECTION XV - REGULATORY

ALL INGREDIENTS ARE ON THE TSCA INVENTORY OR ARE NOT REQUIRED TO BE LISTED ON THE TSCA INVENTORY

SECTION XVI - OTHER INFORMATION

INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING VAPORS AND INHALING CONTENTS CAN BE HARMFUL OR FATAL  
DISCLAIMER: THE FORGOING INFORMATION HAS BEEN COMPILED FROM SOURCES BELIEVED TO BE ACCURATE BUT IS NOT WARRANTED TO BE. RECIPIENTS ARE ADVISED TO CONFIRM IN PRIOR TO USE THAT THE DATA IS CORRECT. STANDARDS CHANGE WITHOUT NOTICE. IT IS THE RESPONSIBILITY OF THE RECIPIENT TO ASSURE THAT THEIR PERSONNEL HAVE BEEN NOTIFIED OF ANY CHANGES WHICH MAY AFFECT THEM. THE DATA PROVIDED ON THIS MSDS ARE NOT MEANT TO BE USED AS SPECIFICATIONS, ONLY AS GUIDELINE INFORMATION AS TO THE SAFE USE OF THE PRODUCT. THE USER SHOULD REFER TO APPLICABLE LAWS BEFORE USE. THIS MSDS COMPLIES WITH GUIDELINES SET BY 29CFR1910.1200