

SAFETY DATA SHEET

SpiritLock Technology

DEVIL'S
CASK

Prepared to U.S. OSHA, CMA, ANSI, Canadian WHMIS, Australian WorkSafe, Japanese Industrial Standard JIS Z 7250:2000, and European Union REACH Regulations

SECTION 1

PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME:	SpiritLock Technology
CHEMICAL FAMILY NAME:	Mixture
U.N. NUMBER:	Not Regulated
U.N. DANGEROUS GOODS CLASS:	Not Regulated
SUPPLIER/MANUFACTURER'S NAME:	Devil's Cask
ADDRESS:	640 Taylor St Ste 1200 #A150, Fort Worth, TX 76102 USA
EMERGENCY PHONE:	TOLL-FREE in U.S./Canada - Chemtrec 1-800-424-9300 National Poison Control Center (U.S.) 1-800-222-1222
BUSINESS PHONE:	817-382-5001 (Product Information)
WEB SITE:	www.devilscask.com
DATE OF CURRENT REVISION:	August 26, 2023
DATE OF LAST REVISION:	March 31, 2023

SECTION 2

HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

PRODUCT DESCRIPTION:	This product is a liquid.
HEALTH HAZARDS:	Exposure to the product may cause eye damage and skin irritation. Prolonged exposure may cause skin sensitization. Ingestion is not a normal route of exposure under normal product use. If swallowed, product may cause gastrointestinal irritation.
FLAMMABILITY HAZARDS:	This product is a combustible liquid as defined by OSHA with a flash point of >160°F.
REACTIVITY HAZARDS:	None known.
ENVIRONMENTAL HAZARDS:	The environmental effects of this product have not been investigated; however it is expected to cause adverse effects in the environment.
EMERGENCY CONSIDERATIONS:	Emergency responders must wear the proper personal protective equipment (and have appropriate fire-suppression equipment) suitable for the situation to which they are responding.

U.S. DOT SYMBOLS

Not Regulated

GHS HAZARD SYMBOLS



Signal Word: Danger!

GHS CLASSIFICATION OF SUBSTANCE OR MIXTURE IN ACCORDANCE WITH 29 CFR 1200 (OSHA HCS) AND THE EUROPEAN UNION DIRECTIVES:

This product does meet the definition of a hazardous substance or preparation as defined by 29 CFR 1910. 1200 and regulation (EU) No. 2020/878 and regulation (EC) No. 1272/2008.



EU HAZARD CLASSIFICATION OF INGREDIENTS: No components classified in the Annex VI

COMPONENT(S) CONTRIBUTING TO CLASSIFICATION(S): 3-Aminopropyl (methyl) silsesquioxanes, ethoxy-terminated, Trimethoxy vinylsilane

GHS Hazard Classification(s):

Flammable Liquid Category 4
Skin Irritation Category 2
Eye Damage Category 1
Skin Sensitization Category 1

HAZARD STATEMENT(S):

H227: Combustible liquid
H315: Causes skin irritation
H318: Causes serious eye damage
H317: May cause an allergic skin reaction

PREVENTION STATEMENT(S):

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P261: Avoid breathing dust/fume/gas/mist/vapours/spray.
P264: Wash hands thoroughly after handling.
P270: Do not eat, drink or smoke when using this product.
P271: Use only outdoors or in a well-ventilated area.
P272: Contaminated work clothing should not be allowed out of the workplace.
P280: Wear protective gloves/protective clothing/eye protection/face protection.

RESPONSE STATEMENT(S):

P370+P378: In case of fire: Use media defined in Section 5 to extinguish.
P308+P313: If exposed or concerned: Get medical advice/attention.
P302+P352: IF ON SKIN: Wash with plenty of water.
P321: Specific treatment (See Section 4 of this SDS).
P333+P313: If skin irritation or rash occurs: Get medical advice/attention.
P362+P364: Take off contaminated clothing and wash it before reuse.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310: Immediately call a POISON CENTER/doctor.

STORAGE STATEMENT(S):

P403+P233: Store in a well-ventilated place. Keep container tightly closed.
P405: Store locked up.

DISPOSAL STATEMENT(S):

P501: Dispose of contents/container in accordance with local/regional/national/international regulations.

OTHER KNOWN HAZARDS:

None known.
This product does not meet the criteria for PBT or vPvB in accordance with Annex XIII
Endocrine Disruptor Information: This product does not contain chemicals on the Candidate List of substances of very high concern for Authorisation

HEALTH HAZARDS OR RISKS FROM EXPOSURE:

ACUTE: This material may cause irritation to skin and respiratory system. May cause eye damage. May cause skin sensitization. Ingestion of this product may cause gastrointestinal irritation.
CHRONIC: Prolonged or repeated skin contact may cause skin reactions.
TARGET ORGANS: Acute: Eye, Skin Chronic: Skin

SECTION 3

COMPOSITION AND INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS:	CAS #	EINECS #	ICSC #	WT %	GHS HAZARD CLASSIFICATION(S):
3-Aminopropyl(methyl) silsesquioxanes, ethoxy-terminated	128446-60-6	603-274-5	Not Listed	3-5%	Flammable Liquid Cat 3, Skin Corrosion Cat 1, Eye Damage Cat 1, Skin Sens Cat 1
Trimethoxy vinylsilane	2768-02-7	688-602-5	Not Listed	0.1-2%	Flammable Liquid Cat 4

Balance of other ingredients are non-hazardous or less than 1% in concentration (or 0.1% for carcinogens, reproductive toxins, or respiratory sensitizers).



SECTION 4

FIRST-AID MEASURES

EYE CONTACT:	If product enters the eyes, open eyes while under gentle running water for at least 15 minutes. Seek medical attention if irritation develops.
SKIN CONTACT:	Wash skin thoroughly after handling. Seek medical attention if irritation develops and persists. Remove contaminated clothing. Launder contaminated clothing before reuse.
INHALATION:	If breathing becomes difficult, remove victim to fresh air. If necessary, use artificial respiration to support vital functions. Seek medical attention if breathing difficulty continues.
INGESTION:	If product is swallowed, call physician or poison control center for most current information. If professional advice is not available, do not induce vomiting. Never induce vomiting or give diluents (milk or water) to someone who is unconscious, having convulsions, or who cannot swallow. Seek medical advice. Take a copy of the label and/or MSDS with the victim to the health professional.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:	Pre-existing skin or eye problems may be aggravated by exposure to this product.
RECOMMENDATIONS TO PHYSICIANS:	Treat symptoms and reduce over-exposure.

SECTION 5

FIRE-FIGHTING MEASURES

FLAMMABLE LIMITS (IN AIR BY VOLUME, %):	Lower (LEL): Not Established Upper (UEL): Not Established
FIRE EXTINGUISHING MATERIALS:	Carbon dioxide, foam, dry chemical, halon, water spray, sand, limestone powder.
UNUSUAL FIRE AND EXPLOSION HAZARDS:	This material has been tested to ASTM D-4206 Standard and found not to sustain combustion. Explosion Sensitivity to Mechanical Impact: Not Sensitive. Explosion Sensitivity to Static Discharge: Not Sensitive.
SPECIAL FIRE-FIGHTING PROCEDURES:	Incipient fire responders should wear eye protection. Structural firefighters must wear Self-Contained Breathing Apparatus and full protective equipment. Isolate materials not yet involved in the fire and protect personnel. Move containers from fire area if this can be done without risk; otherwise, cool with carefully applied water spray. If possible, prevent runoff water from entering storm drains, bodies of water, or other environmentally sensitive areas.

SECTION 6

ACCIDENTAL RELEASE MEASURES

SPILL AND LEAK RESPONSE:	Personnel should be trained for spill response operations.
SPILLS:	Contain spill if safe to do so. Prevent entry into drains, sewers, and other waterways. Soak up with a noncombustible absorbent material and place in an appropriate container for disposal. Dispose of in accordance with applicable Federal, State, and local procedures (see Section 13, Disposal Considerations).

SECTION 7

HANDLING AND STORAGE

WORK PRACTICES AND HYGIENE PRACTICES:	As with all chemicals, avoid getting this product ON YOU or IN YOU. Wash thoroughly after handling this product. Do not eat, drink, smoke, or apply cosmetics while handling this product. Avoid breathing vapors/mists generated by this product. Use in a well-ventilated location. Remove contaminated clothing immediately.
STORAGE AND HANDLING PRACTICES:	Keep container tightly closed and in a dry and cool place.



SECTION 8

EXPOSURE CONTROLS – PERSONAL PROTECTION

EXPOSURE LIMITS/GUIDELINES:	No data available for this product.
VENTILATION AND ENGINEERING CONTROLS:	Currently, International exposure limits are not established for the components of this product. Please check with competent authority in each country for the most recent limits in place. Use with adequate ventilation to ensure exposure levels are maintained below the limits provided above. Use local exhaust ventilation to control airborne vapor. Ensure eyewash/safety shower stations are available near areas where this product is used. <i>The following information on appropriate Personal Protective Equipment is provided to assist employers in complying with OSHA regulations found in 29 CFR Subpart I (beginning at 1910.132) or equivalent standard of Canada, or standards of EU member states (including EN 149 for respiratory PPE, and EN 166 for face/eye protection), and those of Japan. Please reference applicable regulations and standards for relevant details.</i>
RESPIRATORY PROTECTION:	Maintain airborne contaminant concentrations below guidelines listed above, if applicable. If necessary, use only respiratory protection authorized in the U.S. Federal OSHA Respiratory Protection Standard (29 CFR 1910.134), equivalent U.S. State standards, Canadian CSA Standard Z94.4-93, the European Standard EN149, or EU member states.
EYE PROTECTION:	Safety glasses or chemical goggles as appropriate to prevent eye contact. If necessary, refer to U.S. OSHA 29 CFR 1910.133 or appropriate Canadian Standards.
HAND PROTECTION:	Use chemical resistant gloves to prevent skin contact. If necessary, refer to U.S. OSHA 29 CFR 1910.138 or appropriate Standards of Canada.
BODY PROTECTION:	Use body protection appropriate to prevent contact (e.g. lab coat, overalls). If necessary, refer to appropriate Standards of Canada, or appropriate Standards of the EU, Australian Standards, or relevant Japanese Standards.

SECTION 9

PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE:	Liquid	FREEZING POINT (C°):	Not Available
APPEARANCE & ODOR:	Liquid. Odor.	PH:	Not Available
ODOR THRESHOLD (PPM):	Not Available	SPECIFIC GRAVITY 20°C (WATER =1):	Not Available
FLASH POINT:	>160°F	SOLUBILITY IN WATER (%):	Not Available
AUTOIGNITION TEMPERATURE:	Not Established	EXPLOSIVE PROPERTIES:	Not Available
VAPOR PRESSURE (MMHG):	Not Available	OXIDISING PROPERTIES:	Not Available
VAPOR DENSITY:	Not Available	DENSITY:	8.15
EVAPORATION RATE (NBUAC = 1):	Not Available		

INFORMATION WITH REGARD TO PHYSICAL HAZARD CLASSES

EXPLOSIVES:	Not Available
FLAMMABLE GASES:	Not Available
AEROSOLS:	Not Available
OXIDISING GASES:	Not Available
GASES UNDER PRESSURE:	Not Available
FLAMMABLE LIQUIDS:	Not Available
FLAMMABLE SOLIDS:	Not Available
SELF-REACTIVE SUBSTANCES AND MIXTURES:	Not Available
PYROPHORIC LIQUIDS:	Not Available
PYROPHORIC SOLIDS:	Not Available
SELF-HEATING SUBSTANCES AND MIXTURES:	Not Available
SUBSTANCES AND MIXTURES, WHICH EMIT	Not Available
FLAMMABLE GASES IN CONTACT WITH WATER:	Not Available
OXIDISING LIQUID:	Not Available
OXIDISING SOLID:	Not Available
ORGANIC PEROXIDES:	Not Available
CORROSIVE TO METALS:	Not Available
DESENSITIZED EXPLOSIVES:	Not Available
GASES UNDER PRESSURE:	Not Available

OTHER SAFETY CHARACTERISTICS

SELF-ACCELERATING POLYMERIZATION	
TEMPERATURE:	Not Available
FORMATION OF EXPLOSIBLE DUST/AIR	
MIXTURES:	Not Available
ACID/ALKALINE RESERVE:	Not Available
EVAPORATION RATE:	Not Available
MISCIBILITY:	Not Available
CONDUCTIVITY:	Not Available
CORROSIVENESS:	Not Available
GAS GROUP:	Not Available
REDOX POTENTIAL:	Not Available
RADICAL FORMATION POTENTIAL:	Not Available
PHOTOCATALYTIC PROPERTIES:	Not Available



SECTION 10

STABILITY AND REACTIVITY

STABILITY:	Product is stable.
DECOMPOSITION PRODUCTS:	When heated to decomposition this product produces noxious gases such as CO, CO2, and others.
MATERIALS WITH WHICH SUBSTANCE IS INCOMPATIBLE:	None known.
HAZARDOUS POLYMERIZATION:	Will not occur.
CONDITIONS TO AVOID:	Heat and sources of ignition.

SECTION 11

TOXICOLOGICAL INFORMATION

TOXICITY DATA: Toxicity data is not available for this product.

ACUTE TOXICITY	Based on available data, the classification criteria are not met
SKIN CORROSION / IRRITATION	Skin Irritation Category 2
SERIOUS EYE DAMAGE / IRRITATION	Eye Damage Category 1
RESPIRATORY OR SKIN SENSITIZATION	Skin Sensitization Category 1
GERM CELL MUTAGENICITY	Based on available data, the classification criteria are not met
CARCINOGENICITY	Based on available data, the classification criteria are not met
REPRODUCTIVE TOXICITY	Based on available data, the classification criteria are not met
STOT-SINGLE EXPOSURE	Specific Target Organ Toxicity - Single Exposure (Respiratory Irritation)
STOT-REPEATED EXPOSURE	Based on available data, the classification criteria are not met
ASPIRATION HAZARD	Based on available data, the classification criteria are not met

SUSPECTED CANCER AGENT:	The ingredients within this product are not found on the following lists: FEDERAL OSHA Z LIST, NTP, CAL/OSHA, IARC and therefore are not considered to be, or suspected to be a cancer-causing agent by these agencies.
IRRITANCY OF PRODUCT:	Contact with this product can be irritating to exposed skin, eyes, and respiratory system.
SENSITIZATION OF PRODUCT:	This product is considered a skin sensitizer.
REPRODUCTIVE TOXICITY INFORMATION:	No reported information concerning the effects of this product and its components on the human reproductive system.
SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE:	None known.
SPECIFIC TARGET ORGAN TOXICITY - REPEATED EXPOSURE:	None known.
ASPIRATION HAZARD:	None.

INFORMATION ON OTHER HAZARD CLASSES WHICH RELATES TO ENDOCRINE DISRUPTING PROPERTIES:

No specific data available for this product.



ALL WORK PRACTICES MUST BE AIMED AT ELIMINATING ENVIRONMENTAL CONTAMINATION.

TOXICITY:	No specific data available on this product.
PERSISTENCE AND DEGRADABILITY:	No specific data available on this product.
BIOACCUMULATIVE POTENTIAL:	No specific data available on this product.
MOBILITY IN SOIL:	No specific data available on this product.
RESULTS OF PBT AND VPVB ASSESSMENT:	No specific data available on this product.
OTHER ADVERSE EFFECTS:	No specific data available on this product.
WATER ENDANGERMENT CLASS:	Not believed to be water endangering in accordance with EU Guideline 91/155-EWG. At present there are no ecotoxicological assessments for this product.
ENDOCRINE DISRUPTING PROPERTIES:	No specific data available on this product.

SECTION 13

PREPARING WASTES FOR DISPOSAL:	Waste disposal must be in accordance with appropriate Federal, State, and local regulations, those of Canada, Australia, EU Member States, and Japan.
RCRA WASTE CODE:	None listed.
EU WASTE CODE:	Not listed.

SECTION 14

US DOT; IATA; IMO; ADR:

THIS PRODUCT IS CLASSIFIED AS DANGEROUS GOODS AS DEFINED BY 49 CFR 172.101 BY THE U.S. DEPARTMENT OF TRANSPORTATION.

PROPER SHIPPING NAME:	Non-regulated when shipped ground or rail with U.S.A.
HAZARD CLASS NUMBER AND DESCRIPTION:	None
UN IDENTIFICATION NUMBER:	None
PACKING GROUP:	None
DOT LABEL(S) REQUIRED:	None
NORTH AMERICAN EMERGENCY RESPONSE GUIDEBOOK NUMBER (2016):	None
MARINE POLLUTANT:	This product's ingredients are not classified by the DOT as a Marine Pollutant (as defined by 49 CFR 172.101, Appendix B)

TRANSPORT CANADA, TRANSPORTATION OF DANGEROUS GOODS REGULATIONS:

This product is not classified as Dangerous Goods, per regulations of Transport Canada.

INTERNATIONAL AIR TRANSPORT ASSOCIATION (IATA):

PROPER SHIPPING NAME: N/A
 HAZARD CLASS NUMBER and DESCRIPTION: N/A
 UN IDENTIFICATION NUMBER: N/A
 PACKING GROUP: N/A
 DOT LABEL(S) REQUIRED: N/A

INTERNATIONAL MARITIME ORGANIZATION (IMO) DESIGNATION:

This product is not classified as Dangerous Goods by the International Maritime Organization.

EUROPEAN AGREEMENT CONCERNING THE INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY ROAD (ADR):

This product is not classified by the United Nations Economic Commission for Europe to be dangerous goods.
 Harmonized Tariff Code Not Listed



UNITED STATES REGULATIONS

SARA REPORTING REQUIREMENTS:	This product is not subject to the reporting requirements of Sections 302, 304 and 313 of Title III of the Superfund Amendments and Reauthorization Act, as follows: None
TSCA:	All components in this product are listed on the US Toxic Substances Control Act (TSCA) inventory of chemicals.
SARA 311/312:	Acute Health: Yes Chronic Health: No Fire: Yes Reactivity: No
U.S. SARA THRESHOLD PLANNING QUANTITY:	There are no specific Threshold Planning Quantities for this product. The default Federal MSDS submission and inventory requirement filing threshold of 10,000 lb (4,540 kg) may apply, per 40 CFR 370.20.
U.S. CERCLA REPORTABLE QUANTITY (RQ):	None
CALIFORNIA SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT (PROPOSITION 65):	This product does not contain chemicals on the Prop 65 lists.

CANADIAN REGULATIONS:

CANADIAN DSL/NDL INVENTORY STATUS:	All of the components of this product are on the DSL Inventory.
CANADIAN ENVIRONMENTAL PROTECTION ACT (CEPA) PRIORITIES SUBSTANCES LISTS:	No component of this product is on the CEPA First Priorities Substance Lists.
CANADIAN WHMIS CLASSIFICATION AND SYMBOLS:	Classified per WHMIS 2015

EUROPEAN ECONOMIC COMMUNITY INFORMATION:

EU LABELING AND CLASSIFICATION:	Classification of the mixture according to Regulation (EC) No1272/2008. See Section 2 for details.
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AUSTRALIAN INFORMATION FOR PRODUCT:

AUSTRALIAN INVENTORY OF CHEMICAL SUBSTANCES (AICS) STATUS:	All components of this product are listed or exempt from listing on the AICS.
STANDARD FOR THE UNIFORM SCHEDULING OF DRUGS AND POISONS:	Not applicable.

JAPANESE INFORMATION FOR PRODUCT:

JAPANESE MINISTRY OF INTERNATIONAL TRADE AND INDUSTRY (MITI) STATUS:	The components of this product are not listed as Class I Specified Chemical Substances, Class II Specified Chemical Substances, or Designated Chemical Substances by the Japanese MITI.
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INTERNATIONAL CHEMICAL INVENTORIES:

Listing of the components on individual country Chemical Inventories is as follows:

ASIA-PAC:	Listed or exempt from listing
AUSTRALIAN INVENTORY OF CHEMICAL SUBSTANCES (AICS):	Listed or exempt from listing
KOREAN EXISTING CHEMICALS LIST (ECL):	Listed or exempt from listing
JAPANESE EXISTING AND NEW CHEMICAL SUBSTANCES (ENCS):	Listed or exempt from listing
PHILIPPINE INVENTORY OF CHEMICALS AND CHEMICAL SUBSTANCES (PICCS):	Listed or exempt from listing
SWISS GIFTLISTE LIST OF TOXIC SUBSTANCES:	Listed or exempt from listing
U.S. TSCA:	Listed

	HEALTH HAZARD:	FLAMMABILITY:	PHYSICAL HAZARD:
HMIS RATING (SCALE 0-4)	2	2	0
NFPA RATING (SCALE 0-4)	2	2	0

ABBREVIATIONS AND ACRONYMS

ADR	Agreement International Carriage of Dangerous Goods by Road
AICS	Australian Inventory of Chemical Substances
CAS	Chemical Abstracts Service
CEPA	Canadian Environmental Protection Act
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CFR	Code of Federal Regulations
CMA	Chemical Manufacturers Association
DOT	Federal Department of Transportation
DSL	Domestic Substances List
ECL	Existing Chemicals List
EINECS	European Inventory of Existing Chemical Substances
ENCS	Existing and New Chemical Substances
GHS	The Globally Harmonized System of Classification and Labeling of Chemicals
HMIS	Hazardous Material Identification System
HCS	Hazard Communication Standard
IARC	International Agency for Research on Cancer
IATA	The International Air Transport Association
ICSC	International Chemical Safety Card
IMO	International Maritime Organization
MITI	Ministry of International Trade and Industry
MSDS	Material Safety Data Sheet
NFPA	National Fire Protection Association
NTP	National Toxicology Program
OSHA	Occupational Safety and Health
PBT	Persistent, Bioaccumulative and Toxic
PICCS	Philippine Inventory of Chemicals and Chemical Substances
RCRA	Resource Conservation and Recovery Act
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
RQ	Reportable Quantity
SARA	Superfund Amendments and Reauthorization Act
SDS	Safety Data Sheet
STOT	Specific Target Organ
TSCA	Toxicity Toxic Substances Control Act
VPVB	very Persistent and very Bioaccumulative
WHMIS	Workplace Hazardous Materials Information System

Disclaimer: The information and recommendations in this document are accurate to the best of our knowledge. User must conduct their own tests to determine the suitability of these products for their particular purposes. Because of numerous factors affecting results, DEVIL'S CASK MAKES NO WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING THOSE OF MERCHANTABILITY AND FITNESS FOR PURPOSE, other than the material conforms to our applicable current specifications. DEVIL'S CASK assumes no legal responsibility for use or reliance on the information contained in this SpiritLock Technology Safety Data Sheet.

