

SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Stone Edge Surfaces Pro Seal	MANUFACTURER: Turley International Resources, LLC.
PRODUCT USE: Concrete Curing & Sealing With a Natural finish	4322 South 80 th Street
SUPPLIER: N/A	Mesa, AZ 85212 - USA
	TEL: 844-786-6333 E: info@stoneedgesurfaces.com
EMERGENCY: Contact Local Hospital or call 911 in US	MEDICAL: Contact Local Hospital or call 911 in US

SECTION 2 – HAZARDS IDENTIFICATION

CLASSIFICATION OF THE SUBSTANCE MIXTURE:		
HAZARD CLASS	CATEGORY	HAZARD STATEMENTS
Acute Toxicity, Oral	1	May be Harmful if swallowed
Acute Toxicity, Dermal	1	May be harmful in contact with skin.
Skin corrosion / irritation	1	May cause skin irritation. May cause allergic reaction
Serious eye damage / Eye irritation	1	May causes eye irritation.
Carcinogenicity	2B	At this time there is not sufficient evidence to indicate that ingredients in this product may cause cancer in humans. There should be minimal risk when used with adequate ventilation.
Specific target organ toxicity, single exposure	1	May cause respiratory, eye and skin irritation
Specific target organ toxicity, repeated exposure	1	Not known to exhibit the following effects – toxicity, primary irritation, sensitization, corrosiveness, reproductive toxicity, carcinogenicity, or target organ toxicity.
Flammable Liquid	1	Not Flammable
Hazardous to Aquatic Life	1	Not Hazardous to Aquatic Life

OSHA HAZARD COMMUNICATION STANDARD: This chemical is NOT considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

GHS LABEL ELEMENTS:	SIGNAL WORD: CAUTION	PICTOGRAM(S):
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PRECAUTIONARY STATEMENTS:

HEADING	OSHA Ref. #	Instructions
PREVENTION:	P201	Obtain special instruction before use.
	P202	Do not handle until all safety precautions have been read and understood.
	P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking
	P261	Avoid breathing dust/fumes/gas/mist/vapors/spray.
	P270	Do not eat, drink, and 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:	P301 + P330 + P312	IF SWALLOWED: Rinse mouth. Call a POISON CENTER or physician if you feel unwell.
	P331	Do not induce vomiting.
	P303 + P361 + P353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
	P363	Wash contaminated clothing before reuse.
	P304 + P340 + P310	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doc.tor/ physician
	P305+ P351+ P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek Medical Attention if irritation persists
P308 + P310 + P313	IF exposed or concerned: Get medical advice/attention. Immediately call a POISON CENTER or doctor/ physician.	
STORAGE:	P404 + P235 + P405	Store in a Closed Container. Keep cool. Store Locked Up. Keep from Freezing
DISPOSAL:	P501	Dispose of contents/container to hazardous or special waste collection point in accordance with local/regional/national/international regulations

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

Components	CAS #	EC #	Concentration, %	Trade Secret
Non-Hazardous Proprietary Ingredient(s)	-	-	95-99	*
2-Butoxyethanol	111-76-2	Trade Secret	1-5	*
*The exact percentage (concentration) of composition has been withheld as a trade secret				

Pro Seal

SECTION 4 – FIRST AID MEASURES

EMERGENCY INFORMATION:

Stone Edge Surfaces Pro Seal is a milky white liquid. Move out person out of the dangerous area. Consult a physician. Provide this Safety Data Sheet to the doctor in attendance. Use exposure controls or personal protection methods described in Section 8. Symptoms: Eye, Skin and respiratory Irritation. Note to Physician: Treat symptomatically. For additional information, see Safety Data Sheet

EYES: Immediately flush eye thoroughly with water. Remove contacts if easy to do. Continue flushing eye for at least 15 minutes, including under lids. Call physician immediately.
SKIN: Wash skin with cool water and pH-neutral soap or a mild detergent. Seek medical treatment if irritation or inflammation develops or persists.
INHALATION: Remove person to fresh air. If breathing is difficult, administer oxygen. If not breathing, give artificial respiration. Seek medical help if coughing and other symptoms do not subside. Inhalation of large amounts require immediate medical attention.
INGESTION: Do not induce vomiting. If conscious, have victim drink plenty of water and call a physician immediately. Never give anything by mouth to an unconscious person

SECTION 5 – FIREFIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA:	Product is not combustible. Use water spray (fog), alcohol-resistant foam, dry chemical, or carbon dioxide for surrounding fire.
UNSUITABLE EXTINGUISHING MEDIA:	Not Applicable
SPECIFIC HAZARDS ARISING FROM THE CHEMICAL:	This product is flammable. Containers at risk from fire should be cooled with water spray and, if possible, removed from the danger area.
HAZARDUS COMBUSTION PRODUCTS:	Carbon oxides. Not sensitive to static discharge.
SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIRE-FIGHTERS:	Wear self-contained breathing apparatus and protective suit.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

EMERGENCY PROCEDURES:	Keep unnecessary and unprotected personnel from entering spill area. Do not touch or walk through spilled material.
PROTECTIVE EQUIPMENT:	Use personal protective equipment as required. P261 - Avoid breathing dust/fume/gas/mist/vapors/spray. Ensure adequate ventilation, especially in confined areas. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas.
PROPER METHODS OF CONTAINMENT:	Prevent further leakage or spillage if safe to do so. Dike and contain spill with inert absorbent materials, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see Section 13).
CLEANUP:	Pick up and transfer to properly labeled containers
ENVIRONMENTAL PRECAUTIONS:	Prevent from entering into soil, ditches, sewers, waterways and/or groundwater, basements or confined areas. Large spills in waterways may be hazardous. Inform the relevant authorities if the product has accessed waterways or other natural areas. See Section 12 for more details.

SECTION 7 – HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING:	Use adequate ventilation methods. Avoid breakage of buckets or spills of liquid material. Wear appropriate respiratory, eye and skin protection. Avoid contact with skin and eyes. Avoid inhalation of vapor mist. Wash hands thoroughly after handling. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Handle in accordance with good industrial hygiene and safety practice.
PRECAUTIONS FOR STORAGE:	Keep at a temperature not exceeding 38 Degrees C (100 Degrees F). Do not allow material to freeze. Keep container tightly closed in a dry and well ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.
INCOMPATIBILITIES:	None Knowns.

SECTION 8 – PRECAUTIONS TO CONTROL EXPOSURE / PERSONAL PROTECTION

OSHA's PERMISSIBLE EXPOSURE LIMITS (PEL)

This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

COMPONENTS	CAS #	OSHA PEL ppm	Cal/OSHA PEL 8-hour TWA, ppm	ACGIH 2017 TLV 8-Hr TWA, ppm	OSHA PEL mg/m ³ (e)	Cal/OSHA PEL 8-hour TWA, mg/m ³	NIOSH IDLH Up to 10-hour TWA, ppm	NIOSH IDLH TWA, mg/m ³
2-Butoxyethanol	111-76-2	50	50 Vacated 25	20	240 Vacated 120	240 Vacated 120	IDLH 700 ppm TWA: 5 ppm	24

ENGINEERING CONTROLS: General local ventilation recommended

PERSONAL PROTECTIVE EQUIPMENT (PPE).

RESPIRATORY PROTECTION:	Use respiratory protection unless adequate local exhaust ventilation is provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines. Where concentrations are above recommended limits or are unknown, appropriate respiratory protection should be worn. Follow OSHA respirator regulations (29 CFR 1910.134) and use NIOSH/MSHA approved respirators
EYE PROTECTION:	Wear face shield or safety glasses with side shields or goggles
SKIN PROTECTION:	Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact. Wear chemical resistant gloves at minimum. Wash skin immediately upon contact. Wash hands at mealtime and end of shift. Handle in accordance with good industrial hygiene and safety practice. Wash hands before and after breaks and at the end of the work day.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

VISCOSITY	Unknown	APPEARANCE:	Milky White Liquid
ODOR & ODOR THRESHOLD:	Mild, slight amonia	FLASH POINT:	93 Deg. C (201 Deg. F)
BOILING POINT:	100Deg. C	MELTING POINT/Freezing Point:	Not applicable / 32 Deg. F
EVAPORATION RATE:	Not Available	FLAMMABILITY (SOLID/GAS)	Not Relevant
VAPOR PRESSURE:	Not Available	pH (IN WATER): (ASTM D 1293-95)	Not Relevant
VAPOR DENSITY:	1.009 @ 70 Deg. F	SOLUBILITY IN WATER:	Soluble in Water
RELATIVE DENSITY	Not Available	UPPER/LOWER FLAMMABILITY	Not flammable
PARTITION COEFFICIENT: n-octano/wtr.	Not Available	AUTO IGNITION TEMPERATURE	Not Available

SECTION 10 – STABILITY AND REACTIVITY

CHEMICAL STABILITY:	Stable		
CHEMICAL REACTIVITY:	Hazardous Polymerization:	No Data Available	
	Corrosion to Metals:	No Data Available	
	Oxidizing Properties:	No Data Available	
CONDITIONS TO AVOID:	None Known		
INCOMPATIBILITY:	None Known		
HAZARDOUS DECOMPOSITION:	Carbon oxides.		

SECTION 11 – TOXICOLOGY INFORMATION

LIKELY ROUTES OF EXPOSURE:	Skin, Eye and Ingestion Direct Contact, and Ingestion, and Inhalation of vapors.
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Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
2-Butoxyethanol 111-76-2	> 470 mg/kg (Rat)	> 220 mg/kg (Rabbit)	> 450 ppm (Rat) 4 h

SYMPTOMS OF EXPOSURE:

Ingestion may cause nausea, vomiting and diarrhea. Exposure causes mild skin irritation. Exposure causes eye irritation. Depending on concentration of residual monomers (typically <0.1%), vapors can collect above the liquid in closed containers. These vapors may result in eye and upper respiratory tract irritation

ACUTE TOXICITY	INGESTION:	Harmful or fatal if swallowed. Adverse symptoms may include, abdominal pain, nausea and diarrhea.				
	INHALATION:	May cause respiratory tract irritation and coughing. Symptoms may include coughing, difficult breathing and chest pain.				
	SKIN CORROSION SKIN IRRITATION	May be irritating to the skin.				
	EYE DAMAGE & IRRITATION	Irritating to the eyes with adverse symptoms may include tearing, redness and pain.				
	SPECIFIC TARGET ORGAN GENERAL TOXICITY SINGLE EXPOSURE:	This product contains components that may cause respiratory tract, eye and skin irritation after single exposure.				
	SPECIFIC TARGET ORGAN GENERAL TOXICITY REPEAT EXPOSURE:	None known				
	ASPIRATION HAZARD:	No Data Available				
CHRONIC TOXICITY	Respiratory and Skin Sensitizer:	No Data Available				
	Generative Cell Mutagenicity	No Data Available				
	Carcinogenicity: Category 3	Chemical Name	ACGIH	IARC	NTP	OSHA
	2-Butoxyethanol 111-76-2	A3	Group 3	-	-	

Reproductive Toxicity:	No Data Available
General Product Warning:	May be harmful or fatal if swallowed. Flammable

SECTIONS 12 – ECOLOGICAL INFORMATION

ECOTOXICITY	Material is expected to be harmful to aquatic organisms. May cause long-term adverse effects in the aquatic environment.			
	Chemical Name	Algae/aquatic plants	Fish	Crustacea
	2-Butoxyethanol 111-76-2	-	1490: 96 h Lepomis macrochirus mg/L LC50 static 2950: 96 h Lepomis macrochirus mg/L LC50	1698 - 1940: 24 h Daphnia magna mg/L EC50 1000: 48 h Daphnia magna mg/L EC50
PERSISTENCE AND DEGRADABILITY:	No Date Available			
BIOACCUMULATIVE POTENTIAL:	No Date Available			
MOBILITY IN SOIL:	No Date Available			
OTHER ADVERSE EFFECTS:	No Date Available			
ECOTOXICITY TEST RESULTS: Limited information is available				
	Chemical Name	Partition coefficient		
	2-Butoxyethanol 111-76-2	0.81		

SECTION 13 – DISPOSAL CONSIDERATIONS

Pro Seal

PRODUCT DISPOSAL:	This material, as supplied, is not a hazardous waste according to state and federal regulations (40 CFR 261). Dispose of in accordance with all federal, state, and local regulations. If uncertain of local requirements, contact the proper environmental authorities for information on waste disposal in your area.
CONTAINER DISPOSAL:	Even after emptying, container may retain residues. Containers should be completely emptied and safely stored until appropriately reconditioned or dispose of (contents/container) in accordance with local/regional/national/international regulations.

SECTION 14 – TRANSPORTATION CONSIDERATIONS

Land transport, U.S. DOT:	Non-Regulated This product contains a chemical which is listed as a marine pollutant according to DOT
Sea transport, IMDG	Not Regulated
Air transport, IATA/ICAO:	Not Regulated

SECTION 15 – REGULATORY INFORMATION (Non-Mandatory Section as per OSHA: Not a Complete List)

INTERNATIONAL INVENTORIES

TSCA	United States Toxic Substances Control Act Section 8(b) Inventory	Does not comply
DSL/NDSL	Canadian Domestic Substances List/Non-Domestic Substances List	Does not comply
EINECS/ELINCS	European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances	Does not comply
ENCS	Japan Existing and New Chemical Substances	Does not comply
IECSC	China Inventory of Existing Chemical Substances	Does not comply
KECL	Korean Existing and Evaluated Chemical Substances	Does not comply
PICCS	Philippines Inventory of Chemicals and Chemical Substances	Does not comply
AICS	Australian Inventory of Chemical Substances	Does not comply

U.S. FEDERAL REGULATIONS

OSHA HCS: This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29CFR 1910.1200.

SARA 313	Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372	
SARA 311/312 Hazard Categories	Acute health hazard	Yes
	Chronic Health Hazard	Yes
	Fire hazard	No
	Sudden release of pressure hazard	No
	Reactive Hazard	No
Clean Water Act	This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)	
Clean Air Act	Ozone Depleting Substances (ODS): This product does not contain and is not manufactured with ozone depleting substances.	
	Hazardous Air Pollutants, OSHA, Section 112(b), Table Z-1 and Table Z-3:	
CERCLA	This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.	

US STATE REGULATIONS (If Known)

STATE	INFORMATION
CA Proposition 65	This product does not contains any Proposition 65 chemicals
U.S. State Right-to-Know Regulations	Unknown
U.S. EPA Label Information	Unknown

SECTION 16 – OTHER INFORMATION

HAZARDOUS MATERIAL INFORMATION SYSTEM (HMIS)

NFPA/HMIS Definitions: 0-Least, 1-Slight, 2-Moderate, 3-High, 4-Extreme
B-Protective Equipment: Safety glasses, gloves

Health	1
Flammability	0
Reactivity	0
Personal Protection	B



OTHER INFORMATION:

SELLER MAKES NO WARRANTY, EXPRESS OR IMPLIED, CONCERNING THE PRODUCT OR THE MERCHANTABILITY OR FITNESS THEREOF FOR ANY PURPOSE OR CONCERNING THE ACCURACY OF ANY INFORMATION PROVIDED BY TURLEY INTERNATIONAL RESOURCES, LLC., except that the product shall conform to contracted specifications. The information provided herein was believed by TURLEY INTERNATIONAL RESOURCES, LLC. to be accurate at the time of preparation or prepared from 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 the product and to determine the suitability of the product for its intended use. Buyer's exclusive remedy shall be for damages and no claim of any kind, whether as to product delivered or for non-delivery of product, failure of product due to manufacturers defect, and whether based on contract, breach of warranty, negligence, or otherwise shall be greater in amount than the purchase price of the quantity of product in respect of which damages are claimed. In no event shall Seller be liable for incidental or consequential damages or labor of any kind, whether Buyer's claim is based on contract, breach of warranty, negligence, manufacturers defect, product failure, or otherwise.

REVISED: February 20, 2017

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End of sheet