

Primer 110


SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Stone Edge Surfaces Primer 110	MANUFACTURER: Turley International Resources, LLC.
PRODUCT USE: Primer Coat for Stamped/Decorative Concrete Overlay	4322 South 80 th Street
SUPPLIER: N/A	Mesa, AZ 85212 - USA
	TEL: 844-786-6333 E: info@stoneedgesurfaces.com
EMERGENCY: CHEMTREC P: 703-527-3887 F:703-527-3887 (International)	MEDICAL: 3E Company P:800-451-8346 F:760-602-8856 (International)

SECTION 2 – HAZARDS IDENTIFICATION

CLASSIFICATION OF THE SUBSTANCE MIXTURE:		
HAZARD CLASS	CATEGORY	HAZARD STATEMENTS
Acute Toxicity, Oral	1	Harmful if swallowed
Acute Toxicity, Dermal	1	May be harmful in contact with skin
Skin corrosion / irritation	1	May cause skin irritation
Serious eye damage / Eye irritation	1	May causes eye irritation and serious eye damage
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.

OSHA HAZARD COMMUNICATION STANDARD:	This product is not considered a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.
--	---

GHS LABEL ELEMENTS:	SIGNAL WORD: Caution	PICTOGRAM(S): 
----------------------------	-----------------------------	--

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.
	P281	Use personal protective equipment as required.
	P260	Do not breathe dusts or mists.
	P270	Do not eat, drink, and smoke when using this product.
	P280	Wear protective gloves/ protective clothing / eye protection/ face protection.
	P264	Wash exposed area with plenty of water and soap thoroughly after handling.
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 doctor/ 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.
	P310	Immediately call a POISON CENTER or doctor/ physician.
P308+ P313	IF exposed or concerned: Get medical advice/attention.	
STORAGE:	P403 + P235 + P405	Store in a well-ventilated place. Keep cool. Store Locked Up
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, %
Vinyl Acetate Monomer	108-05-4	1.3.1.75	1
Ethylene-Vinyl Acetate Copolymer	24937-78-8	3.1.1.101	59
O-Phenylphenol	90-43-7	2.4.1.17	.1
Partially Hydrolyzed PVOH	25213-24-5	3.4.24.81	.5

Primer 110

SECTION 4 – FIRST AID MEASURES

EMERGENCY INFORMATION: Stone Edge Surfaces Primer 110 is a white powdered polymer mix. Inhalation may cause irritation to the moist mucous membranes of the nose, throat and upper respiratory system or may cause or may aggravate certain lung diseases or conditions. Inhalation may cause irritation to the moist mucous membranes of the nose, throat and upper respiratory system or may cause or may aggravate certain lung diseases or conditions. Use exposure controls or personal protection methods described in Section 8.

EYES: Immediately flush eye thoroughly with water. Continue flushing eye for at least 15 minutes, including under lids, to remove all particles. 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. Seek immediate medical treatment in the event of burns.

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 of product may require immediate medical attention.

INGESTION: Do not induce vomiting. If conscious, have victim drink plenty of water and call a physician immediately.

SECTION 5 – FIREFIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA:	Use an extinguishing agent suitable for the surrounding fire.
UNSUITABLE EXTINGUISHING MEDIA:	Do not use water jet and halogenated compounds
SPECIFIC HAZARDS ARISING FROM THE CHEMICAL:	This product is non-flammable and non-combustible. Containers at risk from fire should be cooled with water spray and, if possible, removed from the danger area.
HAZARDUS COMBUSTION PRODUCTS:	None.
SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIRE-FIGHTERS:	Firefighters should wear full protective gear.

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 exposure control and personal protection methods as described in Section 8. Ensure adequate ventilation/exhaust extraction. Avoid inhalation of dust and contact with skin and eyes during clean up.
PROPER METHODS OF CONTAINMENT:	Collect dry material using a scoop. Avoid actions that cause dust to become airborne. Do not dry sweep. Avoid inhalation of dust and contact with skin. Vacuum dust with equipment fitted with HEPA filter and place in a designated labeled waste container. If material is wet, scrape up wet material and place in an appropriate container. Allow the material to dry before disposal. For major spills: approach from upwind. Prevent wind dispersal.
CLEANUP:	Seal the container(s), remove from spill area and properly dispose of the waste material in accordance with existing federal, state and local regulations.
ENVIRONMENTAL PRECAUTIONS:	Prevent from entering into soil, ditches, sewers, waterways and/or groundwater, basements or confined areas. Large spills in waterways may be hazardous due to alkalinity of the certain components of the product. 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:	Do not breathe dust. Use adequate ventilation and/or dust collection methods. Use all available work practices to control dust exposures, such as water sprays. Do not permit dust to collect on walls, floors, sills, ledges, machinery, or equipment. Avoid breakage of bagged material or spills of bulk material. Wear appropriate respiratory, eye and skin protection. Avoid contact with skin and eyes. Wash hands thoroughly after handling. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Hands and/or face should be washed before eating, drinking and smoking and at the end of the shift. Remove contaminated clothing and protective equipment before entering eating areas. Wash or vacuum clothing when becomes dusty. Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Avoid exposure by obtaining and following special instructions before use. Do not handle until all safety precautions have been read and understood.
PRECAUTIONS FOR STORAGE:	Store in original or approved alternative container protected from direct sunlight in a dry, cool and well-ventilated area away from incompatible materials (see below for details) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed. Store bags to avoid accidental tearing, breaking, or bursting. Avoid windblown dust by shielding or covering outdoor stockpiles. Protect from getting wet from atmospheric moisture and other sources.
INCOMPATIBILITIES:	None Known

SECTION 8 – PRECAUTIONS TO CONTROL EXPOSURE / PERSONAL PROTECTION

OSHA's PERMISSIBLE EXPOSURE LIMITS (PEL)

COMPONENTS	CAS #	OSHA STEL 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 REL Up to 10-hour TWA, mg/m ³	ACGIH 2017 TLV 8hrs TWA, mg/m ³
Vinyl Acetate Monomer	108-05-4	No Data	No Data	No Data	Not Available	Not Available	Not Available	Not Available
Ethylene-Vinyl Acetate Copolymer	24937-78-8	20	10	10	(Total Dust) 15 (Respirable fraction) 5	(Total Dust) 10 mg/m ³ (Respirable fraction) 5	(Total Dust) 10 mg/m ³ (Respirable fraction) 5	No Data
O-Phenylphenol	90-43-7	No Data	No Data	No Data	Not Available	Not Available	Not Available	Not Available

Primer 110

Partially Hydrolyzed PVOH	25213-24-5	No Data	No Data	No Data	Not Available	Not Available	Not Available	Not Available
---------------------------	------------	---------	---------	---------	---------------	---------------	---------------	---------------

ENGINEERING CONTROLS: Avoid actions that cause dust to become airborne. Use local exhaust or general dilution ventilation to control exposure within applicable limits.

PERSONAL PROTECTIVE EQUIPMENT (PPE).

RESPIRATORY PROTECTION: Use local exhaust or general dilution ventilation to control dust levels below applicable exposure limits. Minimize dispersal of dust into air. If local or general ventilation is not adequate to control dust levels below applicable exposure limits or when dust causes irritation or discomfort, use MSHA/NIOSH approved respirators.

EYE PROTECTION: Wear safety glasses with side shields or goggles to avoid contact with eyes. In extreme dusty environments and unpredictable environments, wear tight fitting unvented or indirectly vented goggles to avoid eye irritation or injury. Contact lenses should not be worn when handling cement or cement containing products.

SKIN PROTECTION: Wear impervious abrasion and alkali-resistant gloves, boots, long sleeve shirt, long pants or other protective clothing to prevent skin contact. Promptly remove clothing dusty with Wall Mix or clothing dampened with moisture mixed with Wall mix, and launder before re-use. If contact occurs, wash areas contacted by material with pH neutral soap and water.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

VISCOSITY	Not applicable	APPEARANCE:	White powder
ODOR & ODOR THRESHOLD:	Odorless	FLASH POINT:	Not Known
BOILING POINT:	>1000 Deg. C	MELTING POINT:	>1000. Deg C
EVAPORATION RATE:	Not Applicable	FLAMMABILITY (SOLID/GAS)	Not Applicable
VAPOR PRESSURE:	Not Applicable	pH (IN WATER): (ASTM D 1293-95)	12-13
VAPOR DENSITY:	Not Applicable	SOLUBILITY IN WATER:	Slightly (0.1%-1.0%)
RELATIVE DENSITY	Not Applicable	UPPER/LOWER FLAMMABILITY	Not Flammable, Not Explosive
PARTITION COEFFICIENT: n-octano/wtr.	Not Applicable	AUTO IGNITION TEMPERATURE	Not Flammable

SECTION 10 – STABILITY AND REACTIVITY

CHEMICAL STABILITY:	Product is stable under recommended storage conditions. Avoid freezing.		
CHEMICAL REACTIVITY:	Hazardous Polymerization:	Will Not occur.	
	Corrosion to Metals:	Has corrosive effects to metal. When mixed with water	
	Oxidizing Properties:	Not classified as oxidizing.	
CONDITIONS TO AVOID:	Unintentional contact with water or high humidity. Contact with water will result in hydration and produces (caustic) calcium hydroxide and heat. Avoid generation of dust.		
INCOMPATIBILITY:	None known		
HAZARDOUS DECOMPOSITION:	Will not spontaneously occur. When heated to decomposition, burns and emits an acrid odor.		

SECTION 11 – TOXICOLOGY INFORMATION

LIKELY ROUTES OF EXPOSURE: Skin and Eye Contact, Ingestion, and Inhalation of dust.

SYMPTOMS OF EXPOSURE:

ACUTE TOXICITY	INGESTION:	Harmful if swallowed. Moderately toxic by the ingestion. Adverse symptoms may include, abdominal pain, nausea and diarrhea.
	INHALATION:	Moderately toxic if inhaled, may cause respiratory tract irritation and coughing..
	SKIN CORROSION SKIN IRRITATION	May be irritating to the skin. Prolonged dermal contact (clothing wet with vinyl acetate) may result in severe irritation or blistering of the skin.
	SERIOUS 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:	Not an aspiration hazard.

CHRONIC TOXICITY	Respiratory and Skin Sensitizer:	This product is not known to contain chemicals reported to be a skin sensitizer.
	Generative Cell Mutagenicity	Risk to humans is not expected from exposure to this product
	Carcinogenicity:	There is inadequate evidence in humans for the carcinogenicity of the ingredients of this product. There is limited evidence in experimental animals for the carcinogenicity of the ingredients of this product. Overall evaluation: Some ingredients of this product is possibly carcinogenic to humans (Group 2B). In making the overall evaluation, the working group took into account the following evidence: (1) Vinyl acetate is rapidly transformed into acetaldehyde in human blood and animal tissues. (2) There is sufficient evidence in experimental animals for the carcinogenicity of acetaldehyde. Both vinyl acetate and acetaldehyde induce nasal cancer in rats after administration by inhalation. (3) Vinyl acetate and acetaldehyde are genotoxic in human cells in vitro and on animals in vivo.

Reproductive Toxicity: Risk to humans is not expected from exposure to this product.

General Product Warning: May be harmful or fatal if swallowed.

SECTIONS 12 – ECOLOGICAL INFORMATION

Primer 110

ECOTOXICITY	Not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.
PERSISTENCE AND DEGRADABILITY:	No information available for the product, believed to be not readily biodegradable by OECD criteria.
BIOACCUMULATIVE POTENTIAL:	No information is available for the product, but it is believed that no significant accumulation in organisms is expected
MOBILITY IN SOIL:	No information is available for the product, but it is believed that mobility in soil is not expected
OTHER ADVERSE EFFECTS:	No information is available for the product
ECOTOXICITY TEST RESULTS: No information is available for this product mixture. Results for components, where available:	
ECOTOXICITY	Based on data available for similar materials, the components of the material, and similar materials with EVA Resins, biodegrade at a slow rate and may persist in the environment. They are not expected to cause short-term toxicity to fish or other aquatic or terrestrial organisms. Because of its low solubility in water, chronic aquatic toxicity is not expected.

SECTION 13 – DISPOSAL CONSIDERATIONS

PRODUCT DISPOSAL:	Product does not meet criteria of hazardous waste as defined in 40 CFR 261, Subpart C and D. Do not discharge or dump material into sewer system, the ground or bodies of water. Spill cleanup residues may still be subject to RCRA storage and disposal requirements. Dispose waste in compliance with local, state and federal regulations via licensed waste disposal contractor. See Section 7 for Handling Procedures. See Section 8 for Personal Protective Equipment recommendations
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
Sea transport, IMDG	Non-Regulated
Air transport, IATA/ICAO:	Non-Regulated

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

U.S. REGULATIONS	
OSHA HCS:	This product is not a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29CFR 1910.1200.
TSCA REGULATIONS:	All components of this product are listed or are exempt from TSCA Inventory requirements under 40 CFR 720.30
EPCRA Section 302 (40 CFR Part 355)	(Emergency Response Planning, Extremely Hazardous Substance): No components are subject to the reporting.
EPCRA Section 304 (40 CFR Part 355)	(Emergency Release Notification Requirements): No components are subject to the reporting.
EPCRA Sections 311 & 312	(Hazardous Chemical Inventory Reporting, Hazard Categories): No components are known to be an Acute Health Hazard, Chronic Health Hazard
EPCRA Section 313 40 CFR Part 372)	(Toxic Chemical Release Inventory Reporting): No components or impurities of this product are present above De Minimis level and therefore do not require reporting.
CERCLA Sections 102-103 (40 CFR Part 302)	(Hazardous Substances Release Notification): No components are subject to the reporting.
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:

COMPONENT ANALYSIS - STATE

STATE	INFORMATION
CA	The following statement(s) are provided under the California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): WARNING! This product contains chemicals known to the state of California to cause cancer, birth defects, or other reproductive harm.

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

REVISED BY: BG: Stone Edge Surfaces Primer 110 SDS v1.2 022317 – Word

END OF SHEET