

# Paver Renew®

Rejuvenates and protects your concrete pavers

HAZARD RATING  
4=EXTREME  
3=HIGH  
2=MODERATE  
1=SLIGHT  
0=INSIGNIFICANT

<b>HEALTH</b>	<b>1</b>
<b>FLAMMABILITY</b>	<b>1</b>
<b>REACTIVITY</b>	<b>0</b>

SAFETY DATA SHEET  
VEXCON NO. PV154

## PAVER RENEU EF STRIPPER

### SECTION I - GENERAL INFORMATION

<b>PRODUCT IDENTIFICATION:</b> <b>PAVER RENEU EF STRIPPER</b>	
<b>VOC CONTENT:</b>	0 GR/LITER OR 0#/GAL
<b>CATEGORY:</b>	<b>NOT REGULATED</b>
<b>COMMON NAME:</b>	Solvent Concrete Stripper
<b>MANUFACTURER:</b>	<b>VEXCON CHEMICALS, INC</b>
<b>ADDRESS</b>	7240 STATE RD, PHILADELPHIA, PA 19135
<b>EMERGENCY NO.:</b>	800.858.2828 (PolySat Inc)
<b>TELEPHONE NO.:</b>	215.332.7709 (Vexcon)
<b>CHEMTREC NO.:</b>	800.424.9300 (CCN# 23822)
<b>PREPARED:</b>	FEBRUARY 1999
<b>UPDATED:</b>	OCTOBER 2019
<b>PREPARED BY:</b>	DARRY F. MANUEL , PRESIDENT

### SECTION II - HAZARD IDENTIFICATION

<b>CLASSIFICATION OF MIXTURE</b> NOT CLASSIFIED. UNDER NORMAL CONDITIONS OF USE, THIS PRODUCT IS NOT CONSIDERED HAZARDOUS ACCORDING TO REGULATORY GUIDELINES.
<b>SINGLE WORD:</b> WARNING
<b>HAZARD STATEMENT:</b> UNDER NORMAL CONDITIONS OF USE, THIS PRODUCT IS NOT CONSIDERED HAZARDOUS ACCORDING TO REGULATORY GUIDELINES.
<b>HEALTH AND SAFETY:</b> THIS PRODUCT IS AN ORGANIC LIQUID AND WATER EMULSION. USE WITH ADEQUATE VENTILATION. MAY IRRITATE SKIN. MAY IRRITATE EYES. MAY BE IRRITATING TO THE RESPIRATORY TRACT. DO NOT INDUCE VOMITING IF SWALLOWED. USE OF GLOVES, GOGGLES AND OTHER PROTECTIVE CLOTHING IS ADVISED WHEN HANDLING THIS PRODUCT.



### SECTION III-HAZARDOUR INGREDIENTS

MATERIAL OR COMPONENTS	CAS NO.	%	HAZARD DATA
SOYA OIL	8001-22-7	50-55%	AS MIST/RESPIRABLE: OSHA Z-1 PEL mg/m3 TWA
PINE OIL	8002-09-3	25-30%	Not Established
TRIETHANOLAMINE	102-71-6	2-5%	ACGIH TLV 5 mg/m3 TWA OSHA 3 ppm
BENTONITE CLAY	68953-58-2	1-4%	AS QUARTZ, PRESENT AT LESS THAN 1% ACGIH 0.1 mg/m3 OSHA PEL (resp) 10 mg/m3 / % SiO2 + 2 OSHA PEL (total dust) 30 mg/m3 / % SiO2 + 2
ATTAPULGITE CLAY	12174-11-7	1-3%	AS QUARTZ, PRESENT AT LESS THAN 10% ACGIH 0.1 mg/m3 OSHA PEL (resp) 10 mg/m3 / % SiO2 + 2 OSHA PEL (total dust) 30 mg/m3 / % SiO2 + 2

PERFORMANCE ADDITIVES	N/A	Bal	N/A
-----------------------	-----	-----	-----

### SECTION IV FIRST AID MEASURES

#### HEALTH HAZARD DATA HAZARD CLASSIFICATION BASIS FOR CLASSIFICATION SOURCE

<b>ROUTES OF EXPOSURE:</b>	
<b>INHALATION:</b>	THIS PRODUCT MAY CREATE BREATHING DIFFICULTIES. DIZZINESS, LIGHTEADEDNESS WHEN WORKING IN AREAS WITH HIGH VAPOR CONCENTRATION.
<b>SKIN CONTACT:</b>	THIS PRODUCT MAY CAUSE SKIN IRRITATION UPON PROLONGED OR REPEATED CONTACT.
<b>SKIN ABSORPTION:</b>	THIS PRODUCT MAY CAUSE SKIN IRRITATION UPON PROLONGED OR REPEATED CONTACT.
<b>EYE CONTACT:</b>	THIS PRODUCT MAY BE AN EYE IRRITANT.
<b>INGESTION / INHALATION</b>	SMALL AMOUNTS OF LIQUID ASPIRATED INTO THE RESPIRATORY SYSTEM DURING INGESTION, OR FROM VOMITING, MAY CAUSE BRONCHOPNEUMONIA OR PULMONARY EDEMA. DO NOT INDUCE VOMITING. SEEK IMMEDIATE MEDICAL ATTENTION. THIS PRODUCT CONTAINS SMALL QUANTITIES OF RESPIRABLE CRYSTALLINE SILICA. PROLONGED / REPEATED INHALATION OF RESPIRABLE CRYSTALLINE SILICA DUST MAY CAUSE DELAYED LUNG INJURY (SILICOSIS) AND INCREASE THE RISKS OF DEVELOPING RESPIRATORY CANCER.
<b>EFFECTS OF OVEREXPOSURE:</b>	<b>TLV 50-100 ppm ESTIMATED FROM SIMILAR PRODUCTS</b> ANESTHESIA, HEADACHE, NAUSEA, DIZZINESS. LIQUIDS MODERATELY IRRITATING ON SKIN AND EYES.
<b>ACUTE OVEREXPOSURE:</b>	ANESTHESIA, HEADACHE, NAUSEA, DIZZINESS: MODERATE IRRITATION BY LIQUID TO SKIN AND EYES. PROLONGED CONTACT ON THE SKIN WILL CLAY AND DEFAT THE SKIN POSSIBLY CAUSING DERMATITIS.

#### EMERGENCY AND FIRST AID PROCEDURES:

<b>EYES:</b>	FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. SEEK IMMEDIATE MEDICAL ATTENTION.
<b>SKIN:</b>	WASH WITH SOAP AND LARGE QUANTITIES OF WATER. SEEK MEDICAL ATTENTION IF SKIN IRRITATION DEVELOPS AND PERSISTS.
<b>INHALATION:</b>	MOVE TO LOCATION FREE FROM VAPORS. IF BREATHING STOPS, BEGIN ARTIFICIAL RESPIRATION AND SEEK IMMEDIATE MEDICAL ATTENTION.
<b>INGESTION:</b>	DO NOT INDUCE VOMITING; SEEK IMMEDIATE MEDICAL ATTENTION.

### SECTION V FIREFIGHTING MEASURES

<b>EXTINGUISHING MEDIA:</b>	FIRES INVOLVING THIS PRODUCT MAY BE CONTROLLED BY REGULAR FOAM, CARBON DIOXIDE, DRY CHEMICALS OR WATER SPRAY. WATER MAY BE USED TO REDUCE THE RATE OF BURNING AND FOR COOLING PURPOSES. AVOID SPRAYING WATER DIRECTLY INTO STORAGE CONTAINERS DUE TO DANGER OF BOIL OVER. THE USE OF SELF-CONTAINED BREATHING APPARATUS IS RECOMMENDED FOR FIRE FIGHTERS.SEE ALSO SECTION IX.
-----------------------------	---

<b>GENERAL HAZARD:</b>	CAN FORM COMBUSTIBLE MIXTURES AT TEMPERATURES AT OR ABOVE THE FLASH POINT. STATIC DISCHARGE - MATERIAL CAN ACCUMULATE STATIC CHARGES WHICH CAN CAUSE AN INCENDIARY ELECTRICAL DISCHARGE. "EMPTY" CONTAINERS RETAIN PRODUCT RESIDUE (LIQUID AND/OR VAPOR) AND CAN BE DANGEROUS. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND, OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION: THEY MAY EXPLODE AND CAUSE INJURY OR DEATH. EMPTY DRUMS SHOULD BE COMPLETELY DRAINED, PROPERLY BUNGED AND PROMPTLY RETURNED TO A DRUM RECONDITIONER, OR PROPERLY DISPOSED OF.
<b>ELECTRO-STATIC ACCUMULATION HAZARD:</b>	<b>USE PROPER GROUNDING</b>
<b>UNUSUAL FIRE AND EXPLOSION HAZARD:</b>	IF STORAGE CONTAINERS ARE EXPOSED TO EXCESSIVE HEAT, OVER PRESSURIZATION OF THE CONTAINERS CAN RESULT. VAPOR IS HEAVIER THAN AIR AND MAY TRAVEL ALONG THE GROUND OR THROUGH VENTILATION SYSTEM CONSIDERABLE DISTANCE TO A SOURCE OF IGNITION AND FLASH BACK. KEEP WORK AREAS FREE OF HOT METAL SURFACES AND OTHER SOURCES OF IGNITION.
<b>SPECIAL FIRE FIGHTING PROCEDURES</b>	THE USE OF SELF-CONTAINED BREATHING APPARATUS WITH FULL FACE PIECE OPERATED IN PRESSURE-DEMAND OR OTHER POSITIVE PRESSURE MODE SHOULD BE PROVIDED FOR FIRE FIGHTERS IN BUILDINGS OR CONFINED AREAS WHERE THIS PRODUCT IS STORED. STORAGE CONTAINERS EXPOSED TO FIRE SHOULD BE KEPT COOL WITH WATER SPRAY IN ORDER TO PREVENT PRESSURE BUILD UP. KEEP WORK AREAS FREE OF HOT METAL SURFACES AND OTHER SOURCES OF IGNITION.

### SECTION VI ACCIDENTAL RELEASE MEASURES

<b>AQUATIC TOXICITY (E.G. 96 HR. TLM):</b> DO NOT DISCHARGE THIS PRODUCT INTO PUBLIC WATERS OR WATERWAYS UNLESS AUTHORIZED BY A NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT ISSUED BY THE ENVIRONMENTAL PROTECTION AGENCY (EPA).
<b>STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:</b>
<b>LAND SPILL:</b> ELIMINATE SOURCES OF IGNITION. PREVENT ADDITIONAL DISCHARGE OF MATERIAL; IF POSSIBLE TO DO SO WITHOUT HAZARD. FOR SMALL SPILLS, IMPLEMENT CLEANUP PROCEDURES. FOR LARGE SPILL, IMPLEMENT CLEAN UP PROCEDURES AND, IF IN PUBLIC AREA, KEEP PUBLIC AWAY AND ADVISE AUTHORITIES. ALSO, IF THIS PRODUCT IS SUBJECT TO CERCLA REPORTING NOTIFY THE NATIONAL RESPONSE CENTER. PREVENT LIQUID FROM ENTERING SEWERS, WATERCOURSES, OR LOW AREAS. CONTAIN SPILLED LIQUID WITH SAND OR EARTH. DO NOT USE COMBUSTIBLE MATERIALS SUCH AS SAWDUST. RECOVER BY PUMPING (USE AN EXPLOSION PROOF OR HAND PUMP) OR WITH A SUITABLE ABSORBENT. CONSULT AN EXPERT ON DISPOSAL OF RECOVERED MATERIAL AND ENSURE CONFORMITY TO EPA, FEDERAL, STATE, AND LOCAL DISPOSAL REGULATIONS.
<b>WATER SPILL:</b> REMOVE FROM SURFACE BY SKIMMING OR WITH SUITABLE ABSORBENTS. IF ALLOWED BY LOCAL AUTHORITIES AND ENVIRONMENTAL AGENCIES, SINKING AND/OR SUITABLE DISPERSANTS MAY BE USED IN NON-CONFINED WATERS. CONSULT AN EXPERT ON DISPOSAL OF RECOVERED MATERIAL AND ENSURE CONFORMITY TO EPA, FEDERAL, STATE, AND LOCAL DISPOSAL REGULATIONS.

### SECTION VII HANDLING AND STORAGE

<b>PRECAUTIONARY STATEMENTS:</b> PERSONNEL SHOULD AVOID INHALATION OF VAPORS. PERSONAL CONTACT WITH THE PRODUCT SHOULD BE AVOIDED. SHOULD CONTACT BE MADE, REMOVE SATURATED APPAREL AND FLUSH AFFECTED BODY AREAS WITH WATER. CLOTHING MUST BE WASHED AND DRIED BEFORE REUSE. CONTAINERS OF THIS MATERIAL MAY BE HAZARDOUS WHEN EMPTIED SINCE EMPTIED CONTAINERS RETAIN PRODUCT RESIDUE (VAPOR, LIQUID AND/OR SOLID). ALL HAZARD PRECAUTIONS GIVEN IN THIS DATA SHEET MUST BE OBSERVED.
<b>FIRE FIGHTING:</b> WATER MAY BE UNSUITABLE AS AN EXTINGUISHING MEDIUM BUT HELPFUL IN KEEPING ADJACENT CONTAINERS COOL. AVOID SPREADING BURNING LIQUID WITH WATER USED FOR COOLING PURPOSES. PERSONNEL SHOULD AVOID INHALATION OF VAPORS.
<b>OTHER HANDLING AND STORAGE REQUIREMENTS:</b> STORE AND USE IN WELL VENTILATED AREA, EQUIVALENT TO FRESH AIR. KEEP CONTAINERS COOL, DRY, AND AWAY FROM SOURCES OF IGNITION. KEEP CONTAINER TIGHTLY CLOSED. DO NOT STORE WITH INCOMPATIBLE MATERIALS. STORE IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL REGULATIONS. DO NOT STORE OR CONSUME FOOD, DRINK, OR TOBACCO IN AREAS WHERE THEY MAY BECOME CONTAMINATED WITH THIS MATERIAL. KEEP AWAY FROM HIGH TEMPERATURES, OPEN FLAMES, SPARKS, SOURCES OF IGNITION, ETC. USE WITH EXPLOSION PROOF EQUIPMENT IS HIGHLY ADVISABLE.

### SECTION VIII EXPOSURE CONTROLS / PERSONAL PROTECTION

<b>VENTILATION REQUIREMENTS:</b> LOCAL MECHANICAL VENTILATION MAY BE SUFFICIENT TO KEEP PRODUCT VAPOR CONCENTRATIONS WITHIN SPECIFIED TIME-WEIGHTED TLV RANGES. IF LOCAL VENTILATION PROVES INADEQUATE TO MAINTAIN SAFE VAPOR CONCENTRATIONS, SUPPLEMENTAL LOCAL EXHAUST MAY BE REQUIRED. OTHER SPECIAL PRECAUTIONS SUCH AS RESPIRATORY MASKS OR ENVIRONMENTAL CONTAINMENT DEVICES MAY BE REQUIRED IN EXTREME CASES.
<b>RESPIRATORY (SPECIFY IN DETAIL):</b> THE USE OF RESPIRATORY PROTECTION DEPENDS ON VAPOR CONCENTRATION ABOVE THE TIME WEIGHTED TLV: USE OF OSHA APPROVED CARTRIDGE RESPIRATOR OR GAS MASK OR AIR-PACK. CHEMICAL CARTRIDGE RESPIRATOR: HALF MASK ORGANIC VAPOR CARTRIDGE. FULL FACE ORGANIC VAPOR CARTRIDGE IF EYE PROTECTION IS NEEDED.
<b>EYES:</b> CHEMICAL GOGGLES AND/OR FACE SHIELD ARE RECOMMENDED TO SAFEGUARD AGAINST POTENTIAL EYE CONTACT, IRRITATION OR INJURY.
<b>GLOVES:</b> THE USE OF IMPERMEABLE GLOVES IS ADVISED TO PREVENT SKIN IRRITATION IN SENSITIVE INDIVIDUALS. IMPERVIOUS GLOVES, (CHEMICAL RESISTANT) SUCH AS NEOPRENE, LATEX OR PVA.
<b>OTHER CLOTHING AND EQUIPMENT:</b> TO PREVENT BODY CONTACT, IMPERVIOUS CLOTHING AND BOOTS ARE RECOMMENDED. IMPERVIOUS APRONS AND HELMETS (HEAD COVER) ARE RECOMMENDED WHEN WORKING WITH THIS PRODUCT. THE AVAILABILITY OF EYE WASHES AND SAFETY SHOWERS IN WORK AREAS IS RECOMMENDED.

### SECTION IX PHYSICAL / CHEMICAL CHARACTERISTICS

<b>BOILING POINT: (760mmHg)</b> 365°F/185°C (mixture)	<b>MELTING/FREEZING POINT:</b> <50°F/<10°C (mixture)
<b>VAPOR PRESSURE:</b> 1.5mmHg@68°F/20°C (mixture)	<b>VAPOR DENSITY (AIR=1):</b> 5.3 HAVIER THAN AIR (mixture)
<b>SOLUBILITY IN H2O % BY WT:</b> MISCIBLE	<b>% VOLATILES BY VOL:</b> 20-30%
<b>EVAPORATION RATE (BuAc=1):</b> FASTER THAN BUTYL ACETATE	<b>REALITIVE DENSITY (H2O=1)</b> 0.952
<b>pH (AS IS):</b> 8 TO 8.5 TYPICAL	<b>pH (1% SOLN):</b> N/A
<b>APPEARANCE AND ODOR:</b>	PALE YELLOW LIQUID WITH SWEET PINE ODOR
<b>FLASH POINT:</b> (TEST METHOD)	<b>&gt;93°C / &gt;200°F (TCC)</b>
<b>AUTOIGNITION TEMP:</b>	N/A
<b>FLAMMABLE LIMITS IN AIR, % BY VOL:</b>	<b>LOWER: 0.9%    UPPER: N/A (PINE OIL)</b>

### SECTION XI TOXICOLOGICAL INFORMATION

<b>ACUTE TOXICITY:</b>	NO DATA AVAILABLE
<b>SUMMARY COMMENTS:</b>	NO DATA AVAILABLE

### SECTION XII ECOLOGICAL INFORMATION

<b>PERSISTANCE AND DEGRADABILITY</b>	<b>NO DATA AVAILABLE</b>
<b>BIO-ACCUMULATIVE POTENTIAL</b>	<b>NO DATA AVAILABLE</b>
<b>MOBILITY</b>	<b>NO DATA AVAILABLE</b>
<b>AQUATIC TOXICITY (E.G. 96 HR.TLM)</b>	DO NOT DISCHARGE THIS PRODUCT INTO PUBLIC WATERS OR WATERWAYS UNLESS AUTHORIZED BY A NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT ISSUED BY THE ENVIRONMENTAL PROTECTION AGENCY (EPA).

### SECTION XIII DISPOSAL CONSIDERATIONS

<b>WASTE DISPOSAL METHOD:</b> IF POSSIBLE, PUMP TO CONTROLLED CONTAINMENT AREA. ABSORB ON CLAY OR SAND. DISPOSE OF IN COMPLIANCE WITH EPA, FEDERAL, STATE, AND LOCAL REGULATIONS. TREATMENT, TRANSPORTATION AND DISPOSAL MUST BE IN COMPLIANCE WITH EPA FEDERAL, STATE, AND LOCAL REGULATIONS UNDER THE RESOURCES CONSERVATION AND RECOVERY ACT (RCRA, 40 CFR 261). TYPICALLY CONTROLLED BURNING, INCINERATION OR APPROVED LAND FILL SITES ARE AVAILABLE.
---

**SECTION XIV TRANSPORTATION INFORMATION**

Governing Body	Mode	UN Number	Proper Shipping Name	Hazard Class
DOT	GROUND	NON-REGULATED	NON-REGULATE D	NON-REGULATED
IATA	AIR	NON-REGULATED	NON-REGULATE D	NON-REGULATED
IMDG	OCEAN	NON-REGULATED	NON-REGULATE D	NON-REGULATED
<b>MARINE POLLUTANT:</b>	THIS PRODUCT DOES NOT CONTAIN A MATER ON THE MARINE POLLUTANTS TABLE (HMT 172.101 APPENDIX B)			

**SECTION XV REGULATORY INFORMATION**

<b>TSCA:</b> THE SOLVENT PORTION OF THIS PRODUCT IS LISTED ON THE TSCA INVENTORY AS A UVCB (UNKNOWN, VARIABLE COMPOSITION OR BIOLOGICAL) CHEMICALS AT CAS REGISTRY NUMBER 8002-09-3 (PINE OIL)
<b>CERCLA:</b> IF THE REPORTABLE QUANTITY OF THIS PRODUCT IS ACCIDENTALLY SPILLED, THE INCIDENT IS SUBJECT TO THE PROVISIONS OF THE COMPREHENSIVE ENVIRONMENTAL RESPONSE COMPENSATION AND LIABILITY ACT (CERCLA) AND MUST BE REPORTED TO THE NATIONAL RESPONSE CENTER BY CALLING 1-800-424-8802 or 202-426-2675. <b>NO REPORTABLE SPILL QUANTITY (RQ) HAS BEEN ESTABLISHED FOR THIS PRODUCT).</b>
<b>SARA TITLE III:</b> UNDER THE PROVISIONS OF TITLE III, SECTIONS 311/312 OF THE SUPERFUND AMENDMENTS AND RE-AUTHORIZATION ACT, THIS PRODUCT IS CLASSIFIED INTO THE FOLLOWING HAZARD CATEGORIES: DELAYED HEALTH, FIRE
<b>ADDITIONAL REGULATORY CONCERNS:</b> (FEDERAL, FDA, USDA, CPSC, STATE, OTHER) FEDERAL / FDA / USDA:
<b>MARINE POLLUTANTS:</b> NO. THIS PRODUCT DOES NOT CONTAIN A MATERIAL ON THE MARINE POLLUTANTS TABLE (HMT 172.101 Appendix B).
<b>CALIFORNIA PROP 65:</b> WARNING: This product contains chemicals known to the state of California to cause cancer or birth defects or other reproductive harm. (Epiclorohydrin, Ethylbenzene, Crystalline Silica particles of respirable size)
CERCLA / RQ: <b>NONE ESTABLISHED.</b> THIS PRODUCT DOES NOT CONTAIN A MATERIAL ON THE RQ TABLE (HMT 172.101 Appendix A):
<b>TSCA:</b> IS THIS PRODUCT, OR ALL ITS INGREDIENTS, BEING CERTIFIED FOR INCLUSION ON THE TOXIC SUBSTANCES CONTROL ACT INVENTORY OF CHEMICAL SUBSTANCES? <b>YES</b>

**SECTION XVI OTHER INFORMATION**

PREPARED BY	DARRYL MANUEL / PRESIDENT
COMPANY:	VEXCON CHEMICALS, INC.
ADDRESS:	7240 STATE RD., PHILA., PA 19135 USA
THE INFORMATION PROVIDED IN THIS MATERIAL SAFETY DATA SHEET HAS BEEN OBTAINED FROM SOURCES BELIEVED TO BE RELIABLE. VEXCON PROVIDES NO WARRANTIES, EXPRESSED OR IMPLIED, AND ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OR COMPLETENESS OF THE INFORMATION CONTAINED HEREIN.	

**HMIS HAZARD RATINGS:**

<b>PAVER RENEU EF STRIPPER</b>	NPCA- HMIS	NFPA 704	<b>KEY</b> 4 -- SEVERE
			3 -- SERIOUS
<b>HEALTH</b>	<b>1</b>	<b>1</b>	2 -- MODERATE
<b>FLAMMABILITY</b>	<b>1</b>	<b>1</b>	1 -- SLIGHT
<b>REACTIVITY</b>	<b>0</b>	<b>0</b>	0 -- MINIMAL