

SandPave Pro

1. PRODUCT & COMPANY IDENTIFICATION

TRADE NAME: Technisoil Global Inc.
 PRODUCT NAME: SandPave Pro
 DISTRIBUTED BY:
 TechniSoil Global Inc.,
 5660 Westside Rd. Redding, CA 96001
 Toll Free: 877.356.2250

24- HOUR EMERGENCY
 TELEPHONE NUMBER:

Chemtrec: US: 800-424-9300
 INTL: 703-527-3887

2. HAZARDS IDENTIFICATION



PHYSICAL APPEARANCE:	HAZARD SUMMARY:
Form: Liquid. Colour: Amber, opaque Odor: Faint odor	Not regulated by OSHA: Avoid skin and eye contact. Ingestion of product will cause irritation of the mouth, pharynx, esophagus and stomach. Breathing atomized vapors may cause headaches, nausea, and irritation of the nose, throat and lungs. Not Carcinogenic: Not listed by NTP or IARC.

3. COMPOSITION INFORMATION

COMPONENT:	CAS number	RANGE:
Supplier Trade Secret	Proprietary	40-50%
Supplier Trade Secret	Proprietary	20-30%
Supplier Trade Secret	Proprietary	10-20%
Supplier Trade Secret	Proprietary	5-10%
Supplier Trade Secret	Proprietary	5-10%

4. FIRST AID MEASURES

- Inhalation: Move to fresh air. Consult physician. If breathing becomes labored, administer O₂.
- Skin contact: Remove contaminated clothing. Wash area with water and soap as a precaution. Wash clothing prior to use. If skin irritation persists, call a physician.
- Eye contact: Flush eyes with large amount of water for at least 15 minutes. If eye irritation persists, consult a specialist.
- Ingestion: Drink 1 or 2 glasses of milk or water. Do not induce vomiting. Never give anything by mouth to an unconscious person. Consult a physician if needed.
- Never give anything by mouth to an unconscious person.

5. FIRE FIGHTING MEASURES

- Flash point: 396° F, C.O.C.
- Lower explosion limit: Not Established
- Upper explosion limit: Not Established
- Combustion products: Carbon oxides (CO, CO₂), Nitrogen Oxides (NO, NO₂, etc.), Hydrocarbons and HCN.
- Extinguishing Media: Dry chemical, foam, CO₂, and water fog. Do not spray water into hot material; use water fog to cool surrounding fire.
- Special Fire Fighting Precautions: Full face shield, self contained breathing apparatus (SCBA) with full protective gear.
- Special Remarks: Due to reaction with water producing CO₂ gas, a hazardous buildup of pressure could result if contaminated containers are resealed.
- Containers may burst if overheated.

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6. ACCIDENTAL RELEASE
MEASURES

SPILLS/LEAKS

Ventilate area and eliminate all sources of ignition. Wear appropriate protective gear (see section 8), contain spill, salvage, and clean up residue with absorbent material.

DISPOSAL METHOD

Dispose in accordance with federal, state, and or local regulations. Landfill if solid, incinerate at agency approved waste disposal facility (see section 13).

7. HANDLING & STORAGE

HANDLING

Wear appropriate protective gear (see section 8). Eating, drinking and smoking should be prohibited in areas where the material is handled, stored, and processed. Avoid breathing vapors or mist. Never reuse an empty container due to residual chemical content. Decontaminate container prior to disposal. Do not heat, torch cut, weld or otherwise apply extreme heat to the metal container. Residual chemical will decompose to produce harmful vapors.

STORAGE

Store at temperatures between 40°F and 110°F. Shelf life under proper storage conditions is 24 months from date of receipt. Insure drum closure to be tight. Store product in a dry environment away from oxidizing agents. Protect product from extremes in temperatures. Do not store in containers made of copper, copper alloy, or galvanized surfaces.

8. EXPOSURE CONTROLS
PERSONAL PROTECTION

EXPOSURE LIMIT(S)

CONSULT LOCAL AUTHORITIES FOR ACCEPTABLE EXPOSURE LIMITS

VENTILATION: Ventilation is recommended. Air movement must be designed to insure turnover at all locations in work area to avoid build-up of heavy vapors.

PPE: DO NOT WEAR CONTACT LENSES when working with this product. Wear chemical goggles/safety glasses with side-shields and rubber/latex gloves. Selection of items such as boots and apron will depend on the experience of the operator. Respirators are not required with the use of this product alone. Refer to the MSDS of the related component for this product. Wear respirator protection whenever a mist is generated such as spray application. Spray application in confined spaces, closed rooms, or tanks are areas where mist generation will exceed TLV or TWA. Refer to OSHA CFR29 1910.134 for recommended respiratory protection.

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9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE

Form: Pasty Liquid
Color: Clear, Opaque
Odor: Odorless

COMPONENT	VALUE
pH	N/A
Boiling point/boiling range	N/A decomposition
Flash point	Approx 180° C, (356° F)
Lower explosion limit	Not Applicable
Upper explosion limit	Not Applicable
Freezing Point	N/A
Specific Gravity	1.09 -1.12 @ 20° (68°F) V.O.C.: 0.0Lbs/gal
Vapour pressure	1.8x10 ⁻⁵ mmHg at 20° C (68° F)
Water solubility	Negligible
Autoignition temp	N/A
Viscosity, dynamic	tbd mPa.s@ 23°C (73.4° F)
Evaporation rate	N/A
Relative Density	9.1 - 9.3 lb/gal
Molecular weight	N/A
Decomposition temp	N/A

10. STABILITY & REACTIVITY

Stability/Reactivity

Stable at room temperature. Reaction with water (moisture) produces CO₂ gas. Exothermic reaction with material containing active hydrogen groups. The reaction becomes progressively more vigorous and can be violent at high temperatures.

Instability

Avoid high temperatures

Materials to avoid

Strong acids and or strong oxidizing agents

Hazardous Polymerization:

May occur with contact with moisture at temperatures above 400° F and in the presence of alkalis, amines and metals.

Hazardous Decomposition Products:

Oxides of Carbon and Nitrogen, Ammonia and trace amount of Hydrogen Cyanide.

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11. TOXICOLOGICAL
INFORMATION

Toxicology Data: Acute

Ingredient Name:	Test	Species	Result	Exposure
Proprietary	LD50, oral	Rat	>2000mg/kg	-
	LD50, aerosol	Rat	N/A	-
	RD50	Rat	N/A	-
	LD50, dermal	Rabbit	>2000mg/kg	
	Skin irritation	Rabbit	draize, slightly irritating	
	Eye irritation	Rabbit	draize, slightly irritating	

Sensitization:	Skin sensitization (guinea pig, maximization test - GPMT)
Repeated dose Toxicity:	Irritation to lungs and nasal cavity has been observed in laboratory animals after excessive exposure.
Mutagenicity:	Genetic toxicity in vitro are inconclusive. Animal studies were pre-dominantly negative.

12. ECOLOGICAL INFORMATION

Biodegradation: 0%, 28 days, not readily biodegradable.

13. DISPOSAL CONSIDERATIONS

Disposal method:	Dispose in accordance with federal, state and/or local regulations. Landfill if solid, incinerate at agency approved waste disposal facility.
Empty container precaution:	Never reuse an empty container due to residual chemical content. Decontaminate container prior to disposal. Do not heat, torch cut, weld or otherwise apply extreme heat to the metal container. Residual chemical will decompose to produce harmful vapors.

14. TRANSPORT INFORMATION

Regulatory Information	UN Number	Proper Shipping Name	Class	PG	Additional Information
IMDG Classification	6/ 2206	4,4h .%* , OPU SFHVMBUFE JO DPOUBJOFST VOEFS	5,000	MCT.	
IATA Classification	6/ 2206	4,4h .%* , OPU SFHVMBUFE JO DPOUBJOFST VOEFS	5,000	MCT.	

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15. REGULATORY INFORMATION

OSHA Hazcom Standard Rating	Hazardous
US. Toxic Substances Control Act (TSCA):	All components of this product are in compliance with the inventory listing requirements of the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.
US. EPA CERCLA Hazardous substances (40 CFR 302)	Components: 4,4h-.FUIZMFOFEJQIFOZM %JJTPDZBOBUF \$"4 101-68-8 10%-20% (SFQPSUBCMF RVBOUJUZ 5,000 MCT)
US EPA Emergency Planning and Community Right to Know Act (EPCRA) SARA Title III Sections: 302 Extremely hazardous substance and 313 Toxic Chemicals	Components: *TDDZBOJD BDJE, QPMZNFUIZMFOFQPMZQIFOZMFOF FTUFS \$"4 9016-87-9 1% UP 5%. 4,4h-.FUIZMFOFEJQIFOZM %JJTPDZBOBUF 101-68-8 10%-20%
US. EPA Resources conservation and recovery act (40CFR 261) Massachusetts, New Jersey, Pennsylvania Right to Know (See Section 3)	
California Prop 65	To the best of our knowledge, this product EPFT OPU contain chemicals which the state of California has found to cause cancer, birth defects or other reproductive harm.

16. OTHER INFORMATION

The handling of this material requires appropriate protective measures referred to in this MSDS. These products are therefore recommended for use in industrial trade (commercial) applications. They are not suitable for use in Do-It-Yourself applications.

END.