



PAVER SEALER

SAFETY DATA SHEET

OSHA HCS (29 CFR 1910.1200)

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product identifier

Chemical Name	Mixture
CAS No.	Mixture
Trade Name	PAVER SEALER
Product Code	None

Relevant identified uses of the substance or mixture and uses advised against

Identified Use(s)	Multi Surface Sealant
Uses Advised Against	Do not aerosolize
Company Identification	MORE Surface Care, LLC 200 Union Grove Rd SE Calhoun, GA 30701
Telephone	(844) 404-MORE (6673)
E-Mail (competent person)	steve@moresurfacecare.com & mark@moresurfacecare.com

Emergency telephone number

Emergency Phone No.	Medical Emergency: 1-800-222-1222; Not classified as dangerous for transport.
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SECTION 2: HAZARDS IDENTIFICATION

Classification of the substance or mixture

OSHA HCS (29 CFR 1910.1200)	Acute Tox. 4; STOT RE 2
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Label elements

Hazard Symbol



WARNING

Signal word(s)

Hazard Statement(s)

Harmful if inhaled - Aerosol.
May cause damage to organs through prolonged or repeated exposure: liver.

Precautionary Statement(s)

Avoid contact with skin and eyes.
Wear protective gloves/eye protection.
Do not breathe dust/fume/gas/mist/vapours/spray.
Use only outdoors or in a well-ventilated area.
IF INHALED: Get medical advice/attention if you feel unwell.
IF ON SKIN: Wash with plenty of soap and water. If irritation (redness, rash, blistering) develops, get medical attention.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If irritation



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develops and persists, get medical attention.

IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

Other hazards

None

Additional Information

Unlikely to be hazardous by inhalation unless present as an aerosol.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredient(s)	% wt.	CAS No.	Hazard classification
Isopropanol	1 - 5	67-63-0	Flam. Liq. 2; H225 Eye Irrit. 2; H319 STOT SE 3; H336
2-Butoxyethanol	1 - 5	111-76-2	Flam. Liq. 4; H227 Acute. Tox. 4; H302, H312, H332 Skin Irrit. 2; H315 Eye Irrit. 2A; H319
Proprietary mixture	1 - 5	Mixture	Acute Tox. 1; H330 STOT RE 2; H373 Aquatic Acute 3; H402 Aquatic Chronic 1; H410

Additional Information - Substances in the product which may present a health or environmental hazard, or which have been assigned occupational exposure limits, are detailed below: **None**

SECTION 4: FIRST AID MEASURES



Description of first aid measures

Inhalation

Remove person to fresh air and keep comfortable for breathing. Get medical advice/attention if you feel unwell.

Skin Contact

Wash affected skin with soap and water. If irritation (redness, rash, blistering) develops, get medical attention.

Eye Contact

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If irritation develops and persists, get medical attention.

Ingestion

Call a POISON CENTER or doctor/physician if you feel unwell.

Most important symptoms and effects, both acute and delayed

None

Indication of any immediate medical attention and special treatment needed

None

SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing Media



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-Suitable Extinguishing Media
-Unsuitable Extinguishing Media

Non-combustible. As appropriate for surrounding fire.
None anticipated.

Special hazards arising from the substance or mixture

Combustion or thermal decomposition will evolve toxic and irritant vapours.

Advice for fire-fighters

A self contained breathing apparatus and suitable protective clothing should be worn in fire conditions. Keep containers cool by spraying with water if exposed to fire.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Avoid contact with skin and eyes. Wear protective gloves/eye protection. Do not breathe dust/fume/gas/mist/vapours/spray. Use only outdoors or in a well-ventilated area.

Environmental precautions

Prevent liquid entering sewers, basements and work pits.

Methods and material for containment and cleaning up

Cover spills with inert absorbent material. Transfer to a container for disposal or recovery.

Reference to other sections
Additional Information

None
None

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling

Avoid contact with skin and eyes. Wear protective gloves/eye protection. Do not breathe dust/fume/gas/mist/vapours/spray. Use only outdoors or in a well-ventilated area.

Conditions for safe storage, including any incompatibilities

-Storage temperature

Do not allow material to freeze. Keep container tightly closed, in a cool, well ventilated place.

-Incompatible materials

This product should be stored away from sources of strong heat or oxidizing chemicals.

Specific end use(s)

Multi Surface Sealant

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits

SUBSTANCE.	CAS No.	(8hr TWA)		(STEL)		Note:
		PEL (OSHA)	TLV (ACGIH)	PEL (OSHA)	TLV (ACGIH)	
Isopropanol	67-63-0	400 ppm	200 ppm	500 ppm	400 ppm	-----
2-Butoxyethanol	111-76-2	50 ppm	20 ppm	-----	-----	-----

-LTEL: Long Term Exposure Limit; STEL: Short Term Exposure Limit

Recommended monitoring method

NIOSH 1400 (Alcohols); NIOSH 1403 (Alcohols IV)

Exposure controls

Appropriate engineering controls

Not normally required.

Personal protection equipment



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Eye/face protection



Wear protective eyewear (goggles, face shield, or safety glasses).

Skin protection (Hand protection/ Other)



Wear suitable gloves if prolonged skin contact is likely. Check with protective equipment manufacturer's data.

Respiratory protection



Normally no personal respiratory protection is necessary. In case of insufficient ventilation, wear suitable respiratory equipment. Check with protective equipment manufacturer's data.

Thermal hazards

Not normally required. Use gloves with insulation for thermal protection, when needed.

Environmental Exposure Controls

Avoid release to the environment.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance	Liquid
Color	Colorless
Odor	Mild
Odor Threshold (ppm)	Not available
pH (Value)	Not available
Melting Point (°C) / Freezing Point (°C)	~0 °C (similar to water)
Boiling point/boiling range (°C):	~100 °C (similar to water)
Flash Point (°C)	Not applicable
Evaporation Rate	Not available
Flammability (solid, gas)	Not applicable
Explosive Limit Ranges	Not available
Vapor pressure (Pascal)	Not available
Vapor Density (Air=1)	Not available
Density (g/ml)	Not available
Solubility (Water)	Not available
Solubility (Other)	Not available
Partition Coefficient (n-Octanol/water)	Not available
Auto Ignition Point (°C)	Not available
Decomposition Temperature (°C)	Not available
Kinematic Viscosity (cSt)	Not available
Explosive properties	Not available
Oxidizing properties	Not available
Other information	Not available

SECTION 10: STABILITY AND REACTIVITY

Reactivity	Stable under normal conditions.
Chemical stability	Stable.
Possibility of hazardous reactions	None anticipated.



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Conditions to avoid	Incompatible materials.
Incompatible materials	This product should be stored away from sources of strong heat or oxidizing chemicals.
Hazardous decomposition product(s)	Carbon monoxide, Carbon dioxide, Acrid smoke

SECTION 11: TOXICOLOGICAL INFORMATION

Exposure routes: Inhalation, Skin Contact, Eye Contact

Information on toxicological effects

Isopropanol (CAS# 67-63-0):

Acute toxicity	Oral: LD50 = 5.84 g/kg (rat) Inhalation: LC50 > 1000 ppm (rat) 6 hour(s) Dermal: LD50 = 16.4 ml/kg (rabbit) 24 hour(s) May cause drowsiness or dizziness.
Irritation/Corrosivity	Irritating to eyes.
Sensitisation	It is not a skin sensitiser.
Repeated dose toxicity	NOAEL = 5,000 ppm (Inhalation) May cause drowsiness or dizziness.
Carcinogenicity	It is unlikely to present a carcinogenic hazard to man.

NTP	IARC	ACGIH	OSHA	NIOSH
No.	No.	No.	No.	No.

Mutagenicity	There is no evidence of mutagenic potential.
Toxicity for reproduction	Not available

Proprietary mixture (CAS #Mixture) By analogy with similar materials::

Acute toxicity	Oral: LD50:> 5000 mg/kg (rat) Dermal: LD50: >5000 mg/kg (rat) Inhalation (4 hr) Approximate Lethal Concentration: 0.047 mg/l (rat)
Irritation/Corrosivity	Non-irritant
Sensitisation	It is not a skin sensitiser.
Repeated dose toxicity	Not available.
Carcinogenicity	It is unlikely to present a carcinogenic hazard to man.

NTP	IARC	ACGIH	OSHA	NIOSH
No.	No.	No.	No.	No.

Mutagenicity	Not available.
Toxicity for reproduction	Not available.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

Isopropanol (CAS# 67-63-0):

Short term	LC50 (96 hour): 10,000 mg/l (Fathead minnow (<i>Pimephales promelas</i>)) LC50 24hour(s): >10,000 mg/l (<i>Daphnia magna</i>)
Long Term	NOEC: 3.37 µmol/l (<i>Daphnia magna</i>) (Growth rate)
Persistence and degradability	Not available.
Bioaccumulative potential	Not available.



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Mobility in soil Not available.
Results of PBT and vPvB assessment Not classified as PBT or vPvB.
Other adverse effects Not available.

Proprietary mixture (CAS #Mixture) By analogy with similar materials::

Short term Long Term Persistence and degradability Bioaccumulative potential Mobility in soil Results of PBT and vPvB assessment Other adverse effects	LC50 (96 hour): >36.4 mg/l (<i>Oncorhynchus mykiss</i>) EC50 (48 hour): 16.2 mg/l (<i>Daphnia magna</i>) NOEC (21day): 0.0467 mg/l (<i>Daphnia magna</i>) Not readily biodegradable. Not available. Not available. Not classified as PBT or vPvB. Not available.
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SECTION 13: DISPOSAL CONSIDERATIONS

Waste treatment methods Disposal should be in accordance with local, state or national legislation. Consult an accredited waste disposal contractor or the local authority for advice.

SECTION 14: TRANSPORT INFORMATION

	<u>U.S. DOT</u>	<u>Sea transport (IMDG)</u>	<u>Air transport (ICAO/IATA)</u>
UN number			
Proper Shipping Name		Not classified as dangerous for transport.	
Transport hazard class(es)			
Packing group			
Environmental hazards			
Special precautions for user			

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: Not applicable

SECTION 15: REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture:

TSCA (Toxic Substance Control Act) - Inventory Status: All components listed or polymer exempt.

TSCA 12(B) Components: CAS 65530-70-3, CAS 65530-72-5, Perfluoroalkyl phosphates, ammonium salts (subject to Export Notification)

Designated Hazardous Substances and Reportable Quantities (40 CFR 302.4):

Chemical Name	CAS No.	Typical %wt.	RQ (Pounds)
None	-----	-----	-----

SARA 311/312 - Hazard Categories: None

Fire
 Sudden Release
 Reactivity
 Immediate (acute)
 Chronic (delayed)

SARA 313 - Toxic Chemicals (40 CFR 372):

Chemical Name	CAS No.	Typical %wt.



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None	-----	-----
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SARA 302 - Extremely Hazardous Substances (40 CFR 355):

Chemical Name	CAS No.	Typical %wt.	TPQ (pounds)
None	----	----	----

California Proposition 65 List:

Chemical Name	CAS No.	Type of Toxicity
None	-----	-----

SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements: 1-16.

Date of preparation: April 14, 2015

Hazard Statement(s) and Risk Phrases Listed in: SECTION 2:/ SECTION 3:

Hazard Statement(s)

- H225: Highly flammable liquid and vapour.
- H227: Combustible liquid.
- H302: Harmful if swallowed.
- H312: Harmful in contact with skin.
- H315: Causes skin irritation.
- H319: Causes serious eye irritation.
- H330: Fatal if inhaled.
- H332: Harmful if inhaled.
- H336: May cause drowsiness or dizziness.
- H373: May cause damage to organs through prolonged or repeated exposure: liver.
- H402: Harmful to aquatic life.
- H410: Very toxic to aquatic life with long lasting effects.

Training advice: None.

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