

SDS

Safety Data Sheet

The Berkebile Oil Company

Berkebile Oil - Undercoating B-2200

MSDS Number: B2200

Revision Date: 6/9/15

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PRODUCT AND COMPANY IDENTIFICATION

Name: The Berkebile Oil Company
Address: 1216 Red Brant Road
Somerset, PA 15501, PO BOX 715
Phone: 814-443-1656
Email: info@berkebileoil.com
Fax: 814-443-2873
Chemtrec Emergency Tel #: 800-424-9300

Product Name: Berkebile Oil - Undercoating B-2200
Revision Date: 6/4/2015
Version: New
MSDS Number: 1251131-AP11131
Common Name: Rubberized Undercoating
Product Use: Undercoating

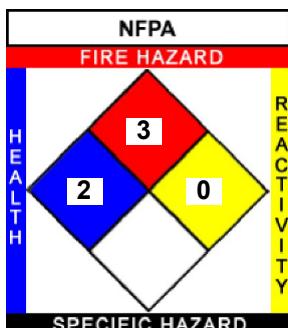
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HAZARDS IDENTIFICATION

Route of Entry: Eyes - Yes Skin - Yes Inhalation - Yes Ingestion - Unlikely
Target Organs: Skin, Eyes, Respiratory System, Nervous System.
Inhalation: Breathing of vapor or mist is possible. Breathing small amounts of this material during normal handling is not likely to cause harmful effects. May be harmful if inhaled in excess. Vapors may cause drowsiness and dizziness.
Skin Contact: Can cause skin irritation. Prolonged or repeated contact may dry the skin. Symptoms may include redness, burning, drying and cracking of skin.
Eye Contact: May cause irritation. Symptoms include stinging, tearing, redness and swelling of eyes.
Ingestion: Not a normal route of exposure. Swallowing small amounts of this material during normal handling is not likely to cause harmful effects. Swallowing large amounts may be harmful. This material can get into the lungs during swallowing or vomiting. This results in lung inflammation and other lung injury.

NFPA:
HMIS III:

Health = 2, Fire = 3, Reactivity = 0
H2/F3/PH0



HMIS III		
HEALTH	<input type="checkbox"/>	2
FLAMMABILITY	<input type="checkbox"/>	3
PHYSICAL HAZARDS	<input type="checkbox"/>	0
PERSONAL PROTECTION		B Safety Glasses, Gloves

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GHS Signal Word:

DANGER

GHS Hazard Pictograms:



GHS Classifications:

Physical, Flammable Aerosols, 1
Health, Acute toxicity, 4 Oral
Health, Aspiration hazard, 2
Health, Skin corrosion/irritation, 2
Health, Serious Eye Damage/Eye Irritation, 2B
Health, Specific target organ toxicity - Single exposure, 3
Health, Reproductive toxicity, 2
Health, Specific target organ toxicity - Repeated exposure, 2

GHS Phrases:

H222 - Extremely flammable aerosol
H229 - Pressurized container: may burst if heated
H302 - Harmful if swallowed
H305 - May be harmful if swallowed and enters airways
H315 - Causes skin irritation
H320 - Causes eye irritation
H335 - May cause respiratory irritation
H336 - May cause drowsiness or dizziness
H361 - Suspected of damaging fertility or the unborn child
H373 - May cause damage to organs through prolonged or repeated exposure

GHS Precautionary Statements:

P102 - Keep out of reach of children.
P103 - Read label before use.
P210 - Keep away from heat/sparks/open flames/hot surfaces. No smoking
P243 - Take precautionary measures against static discharge.
P261 - Avoid breathing dust/fume/gas/mist/vapors/spray.
P263 - Avoid contact during pregnancy/while nursing.
P270 - Do not eat, drink or smoke when using this product.
P281 - Use personal protective equipment as required.
P301+330+331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P301+312 - IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
P302+352 - IF ON SKIN: Wash with soap and water.
P304+341 - IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305+351+338 - IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do.
Continue rinsing.
P312 - Call a POISON CENTER or doctor/physician if you feel unwell.
P410+412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F

CONDITIONS AGGRAVATED BY EXPOSURE: Pre-existing skin and respiratory conditions.

LISTED CARCINOGENS: OSHA - Notlisted IARC - Yes (2B) NTP - Not listed

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COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients:

Cas #	Percentage	Chemical Name
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64742-93-4	10-20%	Asphalt, oxidized
68476-86-8	10-20%	Petroleum gases, liquefied
8052-41-3	10-20%	Stoddard solvent
108-88-3	5-15%	Toluene
67-64-1	1-5%	Acetone
14807-96-6	<0.1%	Talc ($Mg_3H_2(SiO_3)_4$)
14808-60-7	<0.1%	Quartz (SiO_2)

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FIRST AID MEASURES

Inhalation: Move to fresh air and keep at rest. Call a physician if symptoms develop and persist.

Skin Contact: Wash with soap and water. If skin irritation persists, call a physician immediately. Remove contaminated clothing and wash before reuse.

Eye Contact: Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.

Ingestion: Rinse mouth. Do not induce vomiting without advice from poison control center. If vomiting occurs, keep head low to avoid getting into the lungs. Call a poison control center if large amounts are ingested. Never give anything by mouth to an unconscious person.

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FIRE FIGHTING MEASURES

Flammability: Extremely Flammable per Flame Projection Test

-4°F (-20°C) (concentrate) / -156°F (-104.4°C) (propellant)

Flash Point: Estimated

Autoignition Temp: Not established

LEL: Not established

UEL: Not established

Means of Extinction:

Suitable Extinguishing Media: Powder, foam, carbon dioxide.

Unsuitable Extinguishing Media: Not available.

Products of Combustion: May include, and are not limited to: oxides of carbon.

Explosion Data:

Sensitivity to Mechanical Impact: Not available.

Sensitivity to Static Discharge: Not available.

Protection of Firefighters: Containers may explode when heated. Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA).

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ACCIDENTAL RELEASE MEASURES

Personal Precautions: Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel. Eliminate sources of ignition. Ruptured cylinders may rocket.

Environmental Precautions: Many gases are heavier than air and will spread along ground

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and collect in low or confined areas (sewers, basements, tanks). This material is a water pollutant. Keep out of drains, sewers, ditches, and waterways. Minimize use of water to prevent environmental contamination.

Methods for Containment: Contain and/or absorb spill with inert material (e.g. sand, vermiculite), then place in a suitable container. Do not flush to sewer or allow to enter waterways. Use appropriate Personal Protective Equipment (PPE).

Methods for Clean-Up: Vacuum or sweep material and place in a disposal container. Allow gas to dissipate harmlessly into the atmosphere.

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HANDLING AND STORAGE

Handling Precautions: HARMFUL IF INHALED OR SWALLOWED. VAPOR HARMFUL. VAPORS MAY CAUSE FLASH FIRE. EYE, SKIN AND RESPIRATORY IRRITANT. Contents under pressure. Keep out of reach of children. Read label cautions carefully. Follow label directions to avoid injury. Use with adequate ventilation. Do not use in confined areas. Keep away from heat, sparks or open flames. Wash hands thoroughly after each use. Do not smoke while using. Avoid contact with skin and eyes. Avoid breathing vapor or mist. Do not puncture container.

Storage Requirements: Keep out of reach of children. Do not store near heat, sparks, or open flames. Do not expose to temperatures above 120°F as container may vent, rupture or burst. Do not puncture or incinerate container.

Store in accordance with NFPA 30B for LEVEL 2 AEROSOL.

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EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Use ventilation adequate to keep exposures below recommended exposure limits.

Personal Protective Equip: HMIS PP, B | Safety Glasses, Gloves

Eye Protection: Wear eye/face protection.

Hand Protection: Wear suitable gloves.

Skin and Body Protection: Wear suitable protective clothing.

Respiratory Protection: In case of insufficient ventilation, wear suitable respiratory equipment.

INGREDIENTS	OSHA-PEL	ACGIH-TLV	OTHER
Asphalt, oxidized	5mg/m3 (oil mist)	0.5mg/m3 (fume)	5mg/m3 (oil mmist) REL
Petroleum gases, liquefied	Not established	1000 ppm	
Stoddard solvent	Not established	100 ppm	350 ppm (1800mg/m3) REL
Toluene	200 ppm	500 ppm (skin)	150 ppm (skin) STEL
Acetone	750ppm (1800mg/m3) 1000ppm (2400mg/m3) STEL	500 ppm (750ppm STEL)	250ppm (590mg/m3) NIOSH
Talc (Mg ₃ H ₂ (SiO ₃) ₄)	2mg/m3 (dust)	2mg/m3 (dust)	
Quartz (SiO ₂)	0.1mg/m3 (dust)	0.025 mg/m3 (resp fraction)	

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9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	black opaque liquid
Physical State:	Mixture packaged in pressurized aerosol spray can.
Odor:	solvent
Solubility:	Insoluble in water
Spec Grav./Density:	0.99-1.03 (concentrate)
Viscosity:	1800 - 2400 cP
Heat Value:	25.9 kJ/g
Flammability:	Flammable
Flash Point:	-4°F (-20°C) (concentrate) / -156°F (-104.4°C) (propellant)
pH:	Not applicable
VOC:	41.07 %
Evap. Rate:	>1.00 (BuAc=1)
UFL/LFL:	Not established

10 STABILITY AND REACTIVITY

Stability:	Product is stable under normal conditions.
Conditions to Avoid:	Heat, sparks, open flames and temperatures above 120°F
Materials to Avoid:	Strong Oxidizing Agents.
Hazardous Decomposition:	CO, CO ₂ , and hydrocarbons.
Hazardous Polymerization:	Will not occur.

11 TOXICOLOGICAL INFORMATION

Not established

12 ECOLOGICAL INFORMATION

Not established

13 DISPOSAL CONSIDERATIONS

Do not allow into drains or water sources. Waste and empty containers should be disposed of in accordance with regulations made under the Control of Pollution Act and the Environmental Protection Act. Using information provided in this data sheet advice should be obtained from the Waste Regulation Authority, weather special waste regulations apply.

14 TRANSPORT INFORMATION

DOT Class: Flammable Gas (2.1)#2.1
UN #: UN 1950, Class: 2, Proper Shipping Name: Aerosols, flammable

15 REGULATORY INFORMATION

COMPONENT / (CAS/PERC) / CODES

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*Asphalt, oxidized (64742934 10-20%) TSCA

*Petroleum gases, liquefied, sweetened (68476868 10-20%) TSCA

*Stoddard solvent (8052413 10-20%) MASS, OSHAWAC, PA, TSCA, TXAIR

*Toluene (108883 5-15%) CERCLA, CSWHS, EPCRAWPC, HAP, MASS, NJHS, OSHAWAC, PA, PRIPOL, PROP65, SARA313, TOXICPOL, TOXICRCRA, TSCA, TXAIR, TXHWL

*Acetone (67641 1-5%) CERCLA, HAP, MASS, NJHS, OSHAWAC, PA, SARA313, TOXICRCRA, TSCA, TXAIR, TXHWL

REGULATORY KEY DESCRIPTIONS

TSCA = Toxic Substances

Control Act

MASS = MA Massachusetts Hazardous Substances List

OSHAWAC = OSHA workplace Air Contaminants

PA = PA Right To Know List of Hazardous Substances

TXAIR = TX Air Contaminants with Health Effects Screening Level

CERCLA = Superfund clean up substance

CSWHS = Clean water Act Hazardous substances

EPCRAWPC = EPCRA water Priority Chemicals

HAP = Hazardous Air Pollutants

NJHS = NJ Right to Know Hazardous Substances

PRIPOL = Clean water Act Priority Pollutants

PROP65 = CA Prop 65

SARA313 = SARA 313 Title III Toxic Chemicals

TOXICPOL = Clean water Act Toxic Pollutants

TOXICRCRA = RCRA Toxic Hazardous wastes (U List)

TXHWL = TX Hazardous waste List

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65):

WARNING: This product contains a chemical(s) known to the State of California to cause cancer, birth defects or other reproductive harm.

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OTHER INFORMATION

The information provided herein was believed to be accurate at the time of preparation and prepared from a compilation of 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 this product, and to determine the suitability of the product for its intended use.

Author: Zach Sherbine

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