

SAFETY DATA SHEET

1. Identification

Product identifier	STRATAPRIME SB		
Other means of identification	None.		
Recommended use	Not available.		
Recommended restrictions	None known.		
Manufacturer/Importer/Supplier/	Distributor information		
Manufacturer			
Company name	CETCO, an MTI Company		
Address	2870 Forbs Avenue		
	Hoffman Estates, IL 60192		
	United States		
Telephone	General Information	800 527-9948	
Website	http://www.cetco.com/		
E-mail	safetydata@mineralstech.com		
Emergency phone number	Emergency 1.866.519.4752/1 760 476 3962		
Americas	1.866.519.4752 (US, Canada, Mexico) 1 760 476 3962		

2. Hazard(s) identification

Physical hazards	Flammable liquids Category 3	
Health hazards	Acute toxicity, oral	Category 4
	Acute toxicity, inhalation	Category 4
	Skin corrosion/irritation	Category 2
	Serious eye damage/eye irritation	Category 2
	Specific target organ toxicity, repeated exposure	Category 2
	Aspiration hazard	Category 1
Environmental hazards	Not classified.	
OSHA defined hazards	Not classified.	
Label elements		



Signal word Hazard statement

Flammable liquid and vapor. Harmful if swallowed. May be fatal if swallowed and enters airways. Causes skin irritation. Causes serious eye irritation. Harmful if inhaled. May cause damage to organs through prolonged or repeated exposure.

Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting// equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Do not breathe mist/vapors. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Wear protective gloves/eye protection/face protection.

Precautionary statement Prevention

Response	If swallowed: Immediately call a poison center/doctor. Rinse mouth. Do NOT induce vomiting. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. If inhaled: Remove person to fresh air and keep comfortable for breathing. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If exposed or concerned: Get medical advice/attention. Specific treatment (see on this label). If skin irritation occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Take off contaminated clothing and wash it before reuse. In case of fire: Use appropriate media to extinguish.	
Storage	Store in a well-ventilated place. Keep cool. Store locked up.	
Disposal	Dispose of contents/container in accordance with local/regional/national/international regulations.	
Hazard(s) not otherwise classified (HNOC)	None known.	
Supplemental information	None.	

3. Composition/information on ingredients

Mixtures

Chemical name	Common name and synonyms	CAS number	%
ASPHALT	PETROLEUM ASPHALT	8052-42-4	60 - < 70
Petroleum naphtha, light aromatic		64742-95-6	30 - < 40
Other components below reportable levels			5 - < 10
*Designates that a specific chemic	al identity and/or percentage of composition has	s been withheld as a trade se	ecret.
Composition comments	For the full text of the R phrases mentioned in	this Section, see Section 15	
4. First-aid measures			
Inhalation	Remove victim to fresh air and keep at rest in artificial respiration if needed. Get medical atte		eathing. Oxygen or
Skin contact	Take off immediately all contaminated clothing occurs: Get medical advice/attention. Wash co		
Eye contact	Immediately flush eyes with plenty of water for present and easy to do. Continue rinsing. Get	medical attention immediate	ly.
Ingestion	Call a physician or poison control center imme vomiting occurs, keep head low so that stoma	ch content doesn't get into th	e lungs.
Most important symptoms/effects, acute and delayed	Aspiration may cause pulmonary edema and pneumonitis. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. Vapors have a narcotic effect and may cause headache, fatigue, dizziness and nausea. May cause redness and pain. Prolonged exposure may cause chronic effects.		
Indication of immediate medical attention and special treatment needed	Provide general supportive measures and treat symptomatically. Thermal burns: Flush with water immediately. While flushing, remove clothes which do not adhere to affected area. Call an ambulance. Continue flushing during transport to hospital. Keep victim warm. Keep victim under observation. Symptoms may be delayed.		
General information	Take off all contaminated clothing immediately. If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. Wash contaminated clothing before reuse.		
5. Fire-fighting measures			
Suitable extinguishing media	Water fog. Foam. Dry chemical powder. Carbo dioxide.	on dioxide (CO2). Dry chemic	al, foam, carbon
Unsuitable extinguishing media	Water. Do not use water jet as an extinguishe	r, as this will spread the fire.	
Specific hazards arising from the chemical	Vapors may form explosive mixtures with air. Voof ignition and flash back. During fire, gases h		
Special protective equipment and precautions for firefighters	Self-contained breathing apparatus and full pr	otective clothing must be wo	rn in case of fire.
Fire fighting equipment/instructions	In case of fire and/or explosion do not breathe fumes. Move containers from fire area if you can d so without risk. Cool containers with flooding quantities of water until well after fire is out. Do not point solid water stream directly into burning oil to avoid spreading.		
Specific methods	Use standard firefighting procedures and cons	sider the hazards of other inv	olved materials.
General fire hazards	Vapors may form explosive mixtures with air. Y ground to some distant source of ignition and		

6. Accidental release measures

o. Accidental release measures			
Personal precautions, protective equipment and emergency procedures	Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Wear appropriate protective equipment and clothing during clean-up. Do not breathe mist/vapors. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.		
Methods and materials for containment and cleaning up	Stop leak if you can do so without risk. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Prevent entry into waterways, sewers, basements or confined areas. Keep combustibles (wood, paper, oil, etc.) away from spilled material. Take precautionary measures against static discharge. Use only non-sparking tools. This material is classified as a water pollutant under the Clean Water Act and should be prevented from contaminating soil or from entering sewage and drainage systems which lead to waterways.		
	Large Spills: Dike the spilled material, where this is possible. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Following product recovery, flush area with water.		
	Small Spills: Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.		
Environmental precautions	Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS. Avoid discharge into drains, water courses or onto the ground. Do not flush into surface water or sanitary sewer system. Runoff from fire control or dilution water may cause pollution.		
7. Handling and storage			
Precautions for safe handling	Do not handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight.		
	Explosion-proof general and local exhaust ventilation. Use spark-proof tools and explosion-proof equipment. Vapors are heavier than air and may spread along floors. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Use non-sparking tools and explosion-proof equipment. Do not breathe mist/vapors. Do not taste or swallow. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. When using, do not eat, drink or smoke. Use only outdoors or in a well-ventilated area. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Observe good industrial hygiene practices.		
Conditions for safe storage, including any incompatibilities	Store locked up. Store in a place accessible by authorized persons only. Keep away from heat and sources of ignition. Prevent electrostatic charge build-up by using common bonding and grounding techniques. Store in a cool, dry place out of direct sunlight. Keep the container tightly closed and dry. Store in tightly closed container. Store in a well-ventilated place. Keep this material away from food, drink and animal feed. Keep out of the reach of children.		
	Keep in an area equipped with sprinklers. Store away from incompatible materials (see Section 10 of the SDS).		

8. Exposure controls/personal protection

Occupational exposure limits

The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit. At this time, the other constituents have no known exposure limits.

US. ACGIH Threshold Limit Components	Values Type	Value	Form
ASPHALT (CAS 8052-42-4)	TWA	0.5 mg/m3	Inhalable fume.
US. NIOSH: Pocket Guide to Components	o Chemical Hazards Type	Value	Form
ASPHALT (CAS 8052-42-4)	Ceiling	5 mg/m3	Fume.
ological limit values	No biological exposure limits noted for	or the ingredient(s).	
opropriate engineering ontrols	Explosion-proof general and local exhaust ventilation. Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Provide eyewash station and safety shower.		

Individual protection measures, such as personal protective equipment

Eye/face protection	Applicable for industrial settings only. If splashes are likely to occur, wear: Face-shield. Gog Chemical respirator with organic vapor cartridge and full facepiece.	
Skin protection Hand protection	Applicable for industrial settings only. Wear appropriate chemical resistant gloves.	
Other	Applicable for industrial settings only. Wear appropriate chemical resistant clothing. Use of an impervious apron is recommended. The use of neoprene gloves is recommended.	
Respiratory protection	Applicable for industrial settings only. Chemical respirator with organic vapor cartridge and full facepiece. Use an organic vapor respirator for concentrations exceeding the Occupational Exposure Limit. Special applications may necessitate the use of more stringent respiratory protection equipment.	
Thermal hazards	Wear appropriate thermal protective clothing, when necessary.	
General hygiene considerations	When using, do not eat, drink or smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Eye wash fountain and emergency showers are recommended. Shower or bathe at the end of working.	

9. Physical and chemical properties

Appearance	
Physical state	Liquid.
Form	Liquid.
Color	Black. or Brown.
Odor	Petroleum
Odor threshold	Not available.
рН	Not available.
Melting point/freezing point	-94 °F (-70 °C) estimated
Initial boiling point and boiling range	700 °F (371.11 °C) estimated
Flash point	110.0 - 140.0 °F (43.3 - 60.0 °C)
Evaporation rate	70
Flammability (solid, gas)	Not applicable.
Upper/lower flammability or exp	losive limits
Flammability limit - lower (%)	0.9 % estimated
Flammability limit - upper (%)	6.7 % estimated
Explosive limit - lower (%)	Not available.
Explosive limit - upper (%)	Not available.
Vapor pressure	0.39 kPa @20°C based on solvent estimated
Vapor density	> 1
Relative density	Not available.
Solubility(ies)	
Solubility (water)	Not available.
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	> 248 °F (> 120 °C) estimated
Decomposition temperature	Not available.
Viscosity	50 - 75 mm2/s
Other information	
Density	> 1.00 g/cm3 estimated
Explosive properties	Not explosive.
Flammability class	Combustible III vsds
,	

Oxidizing properties	Not oxidizing.
Specific gravity	0.97 @16°C estimated
VOC	CARB
	< 349 g/l

10. Stability and reactivity

Reactivity	The product is stable and non-reactive under normal conditions of use, storage and transport.	
Chemical stability	This is a stable material.	
Possibility of hazardous reactions	Hazardous polymerization does not occur. Will not occur.	
Conditions to avoid	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. Avoid temperatures exceeding the flash point. Contact with incompatible materials.	
Incompatible materials	Strong oxidizing agents. or Water.	
Hazardous decomposition products	Upon decomposition, this product emits oxides of sulfur, carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.	

11. Toxicological information

Information on likely routes of exposure

Inhalation	Harmful if inhaled. Vapors have a narcotic effect and may cause headache, fatigue, dizziness and nausea.
Skin contact	Causes skin irritation.
Eye contact	Causes serious eye irritation.
Ingestion	Harmful if swallowed. Droplets of the product aspirated into the lungs through ingestion or vomiting may cause a serious chemical pneumonia.
Symptoms related to the physical, chemical and toxicological characteristics	Aspiration may cause pulmonary edema and pneumonitis. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. May cause redness and pain.

Information on toxicological effects

Acute toxicity	May be fatal if swallowed and enters airways. Harmful if inhaled. Species Test Results	
Product		
STRATAPRIME SB		
<u>Acute</u>		
Dermal		
LD50	Rabbit	3077 mg/kg
Components	Species	Test Results
Petroleum naphtha, light aromatic	c (CAS 64742-95-6)	
<u>Acute</u>		
Dermal		
LD50	Rabbit	2000 mg/kg
Inhalation		
LC50	Rat	5.2 mg/l/4h
Oral		
LD50	Rat	8400 mg/kg
Skin corrosion/irritation	Causes skin irritation.	
Serious eye damage/eye irritation	Causes serious eye irritation.	
Respiratory or skin sensitization	on	
Respiratory sensitization	Not a respiratory sensitizer.	
Skin sensitization	This product is not expected to cause skin sensitization.	
Germ cell mutagenicity	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.	
Carcinogenicity	Risk of cancer cannot be excluded with prolonged exposure.	
IARC Monographs. Overall	Evaluation of Carcinogenic	ity
ASPHALT (CAS 8052-4	2-4)	2B Possibly carcinogenic to humans.

OSHA Specifically Regulate	d Substances (29 CFR 1910.1001-1053)
Not listed.	
US. National Toxicology Pro	ogram (NTP) Report on Carcinogens
Not listed.	
Reproductive toxicity	This product is not expected to cause reproductive or developmental effects.
Specific target organ toxicity - single exposure	Not classified.
Specific target organ toxicity - repeated exposure	May cause damage to organs through prolonged or repeated exposure.
Aspiration hazard	May be fatal if swallowed and enters airways.
Chronic effects	Prolonged inhalation may be harmful. May cause damage to organs through prolonged or repeated exposure. Prolonged exposure may cause chronic effects. Prolonged or repeated exposure may cause lung injury. Repeated or prolonged exposure may cause skin irritation and dermatitis, due to degreasing properties of the product.

12. Ecological information

Ecotoxicity

Components of this product are hazardous to aquatic life. In high concentrations, this product may be dangerous to aquatic life and fouling to shorelines.

Components		Species	Test Results
Petroleum naphtha, light aro	matic (CAS 64	742-95-6)	
Aquatic			
Crustacea	EC50	Daphnia	6.14 mg/L, 48 Hours
Fish	LC50	Fish	9.22 mg/L, 96 Hours
Persistence and degradability	No data is a	available on the degradab	ility of this product.
Bioaccumulative potential	No data available.		
Mobility in soil	No data available.		
Other adverse effects			cts (e.g. ozone depletion, photochemical ozone creation I warming potential) are expected from this component.

13. Disposal considerations

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Disposal instructions	Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Incinerate the material under controlled conditions in an approved incinerator. Do not incinerate sealed containers. Do not allow this material to drain into sewers/water supplies. If discarded, this product is considered a RCRA ignitable waste, D001. Dispose of contents/container in accordance with local/regional/national/international regulations.
Local disposal regulations	Dispose in accordance with all applicable regulations.
Hazardous waste code	D001: Waste Flammable material with a flash point <140 F The waste code should be assigned in discussion between the user, the producer and the waste disposal company.
Waste from residues / unused products	Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).
Contaminated packaging	Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. Transport information

DOT	
UN number	UN1268
UN proper shipping name	PETROLEUM PRODUCTS, N.O.S. (Contains Mineral Spirits), MARINE POLLUTANT
Transport hazard class(es)	
Class	3
Subsidiary risk	-
Label(s)	3
Packing group	III
Environmental hazards	
Marine pollutant	Yes
Special precautions for use	r Read safety instructions, SDS and emergency procedures before handling.

Packaging exceptions Packaging non bulk Packaging bulk	173.150 173.203 173.242
IATA	
UN number	UN1268
UN proper shipping name Transport hazard class(es)	PETROLEUM PRODUCTS, N.O.S. (Contains Mineral Spirits)
Class	3
Subsidiary risk	
Packing group	III
Environmental hazards	No.
ERG Code	3L
Special precautions for user Other information	Read safety instructions, SDS and emergency procedures before handling.
Passenger and cargo aircraft	Allowed with restrictions.
Cargo aircraft only	Allowed with restrictions.
IMDG	
UN number	UN1268
UN proper shipping name	PETROLEUM PRODUCTS, N.O.S. (Contains Mineral Spirits)
Transport hazard class(es)	
Class	3
Subsidiary risk	-
Packing group	III
Environmental hazards	
Marine pollutant	No.
EmS	F-E, <u>S-E</u>
· ·	Read safety instructions, SDS and emergency procedures before handling.
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not established.
DOT	



Marine pollutant



IMDG Regulated Marine Pollutant. DOT Regulated Marine Pollutant.

15. Regulatory information

15. Regulatory informatio	11	
US federal regulations	All components are on the U.S. EPA TSCA Inventory List. This product is a "Hazardous Chemical" as defined by the OSHA Standard, 29 CFR 1910.1200.	Hazard Communication
Toxic Substances Control	Act (TSCA)	
TSCA Section 12(b) Ex Not regulated.	port Notification (40 CFR 707, Subpt. D)	
CERCLA Hazardous Subst	ance List (40 CFR 302.4)	
ASPHALT (CAS 8052-4 SARA 304 Emergency relea	2-4) Listed.	
Not regulated. OSHA Specifically Regulat Not listed.	ed Substances (29 CFR 1910.1001-1053)	
Superfund Amendments and R SARA 302 Extremely hazar Not listed.	eauthorization Act of 1986 (SARA) dous substance	
SARA 311/312 Hazardous chemical	No (Exempt)	
SARA 313 (TRI reporting) Not regulated.		
Other federal regulations		
Clean Air Act (CAA) Sectio	n 112 Hazardous Air Pollutants (HAPs) List	
Not regulated. Clean Air Act (CAA) Sectio	n 112(r) Accidental Release Prevention (40 CFR 68.130)	
Not regulated.		
Safe Drinking Water Act (SDWA)	Not regulated.	
US state regulations		
California Proposition 65		
	his product can expose you to ASPHALT, which is known to the State ancer. For more information go to www.P65Warnings.ca.gov.	e of California to cause
California Proposition	65 - CRT: Listed date/Carcinogenic substance	
ASPHALT (CAS 80	-	Code Regs, tit. 22, 69502.3,
ASPHALT (CAS 80 Petroleum naphtha	52-42-4) light aromatic (CAS 64742-95-6)	
International Inventories		
Country(s) or region Australia	Inventory name Australian Inventory of Chemical Substances (AICS)	On inventory (yes/no) * No
Canada	Domestic Substances List (DSL)	No
Canada	Non-Domestic Substances List (NDSL)	No

Material name: STRATAPRIME SB

Country(s) or region	Inventory name On inventory (y	/es/no)*
China	Inventory of Existing Chemical Substances in China (IECSC)	No
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	No
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	No
New Zealand	New Zealand Inventory	No
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	No
Taiwan	Taiwan Chemical Substance Inventory (TCSI)	No
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s) A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

16. Other information, including date of preparation or last revision

Issue date	05-May-2020
Revision date	05-May-2020
Version #	10
Further information	This safety datasheet only contains information relating to safety and does not replace any product information or product specification.
HMIS® ratings	Health: 3* Flammability: 2 Physical hazard: 0 Personal protection: B
NFPA ratings	Health: 2 Flammability: 2 Instability: 0
Disclaimer	CETCO, an MTI Company cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information in the sheet was written based on the best knowledge and experience currently available. The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The manufacturer expressly does not make any representations, warranties, or guarantees as to its accuracy, reliability or completeness nor assumes any liability, for its use. It is the user's responsibility to verify the suitability and completeness of such information for each particular use.
	Third party materials: Insofar as materials not manufactured or supplied by this manufacturer are used in conjunction with, or instead of this product, it is the responsibility of the customer to obtain, from the manufacturer or supplier, all technical data and other properties relating to these and other materials and to obtain all necessary information relating to them. No liability can be accepted in respect of the use of this product in conjunction with materials from another supplier. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.
Revision information	Product and Company Identification: Alternate Trade Names Physical & Chemical Properties: Multiple Properties