

SAFETY DATA SHEET



47 Asphalt Membrane Primer

Date Issued : 10/23/2015

SDS No : SCC-047

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: 47 Asphalt Membrane Primer
PRODUCT DESCRIPTION: Asphaltic Membrane Primer
PRODUCT CODE: 47
PRODUCT FORMULATION NAME: 47 Asphaltic Membrane Primer
CHEMICAL FAMILY: Petroleum Asphalt

MANUFACTURER

Sauereisen
 160 Gamma Drive
 Pittsburgh, PA 15238

Emergency Contact: John Kozak**Emergency Phone:** (800)444-8235**Alternate Contact:** Don Schubert**Customer Service:** 412 963-0303**E-Mail:** jakozak@sauereisen.com**24 HR. EMERGENCY TELEPHONE NUMBERS**

Poison Control Center (Medical):1-800-222-1222

CHEMTREC (US Transportation): 1-800-424-9300

CHEMTREC (Canada Transportation):1-703-527-3887

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATIONS**Health:**

Target Organ Toxicity (Repeated exposure), Category 1
 Aspiration Hazard, Category 1

Physical:

Flammable Liquids, Category 3

GHS LABEL

Flame

Health
hazard**SIGNAL WORD:** DANGER**HAZARD STATEMENTS**

H226: Flammable liquid and vapour.

H372: Causes damage to organs (state all organs affected, if known) through prolonged or repeated exposure (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard).

H304: May be fatal if swallowed and enters airways.

PRECAUTIONARY STATEMENTS**Prevention:**

P260: Do not breathe dust/fume/gas/mist/vapours/spray.

P264: Wash ... thoroughly after handling.

P270: Do not eat, drink or smoke when using this product.

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P233: Keep container tightly closed.

P240: Ground and bond container and receiving equipment.

P241: Use explosion-proof [electrical/ventilating/lighting/...] equipment.

P242: Use non-sparking tools.
 P243: Take action to prevent static discharges.
 P280: Wear protective gloves/protective clothing/eye protection/face protection.
 P271: Use only outdoors or in a well-ventilated area.

Response:

P314: Get medical advice/attention if you feel unwell.
 P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
 P301+P310: IF SWALLOWED: Immediately call a POISON CENTER/doctor/...
 P331: Do NOT induce vomiting.
 P370+P378: In case of fire: Use carbon dioxide, foam, dry chemicals, or sand to extinguish.

Storage:

P403+P235: Store in a well-ventilated place. Keep cool.
 P405: Store locked up.

Disposal:

P501: Dispose of contents/container in accordance with local/national regulations.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
asphalt (cutback)	60 - 70	8052-42-4
Stoddard Solvent	30 - 40	8052-41-3
nonane	< 10	111-84-2

4. FIRST AID MEASURES

EYES: Check for and remove all contact lenses. Flush eyes immediately with water or physiological saline for at least 15 minutes while lifting upper and lower lids. Do not use eye ointment. Seek medical attention.

SKIN: Wash contact area thoroughly with soap and water. Remove contaminated clothing. Launder before reuse. Seek medical attention if erythema develops.

INGESTION: Get immediate medical attention. Do not induce vomiting unless instructed to do so by poison center or physician.

INHALATION: If inhaled, move to fresh air once. Apply artificial respiration if breathing has stopped. Seek medical attention.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

EYES: Causes pain, redness and tearing.

SKIN: Contact causes skin irritation.

INHALATION: Inhalation may cause dizziness, stupor, unconsciousness, central nervous system depression, weakness, vomiting, drowsiness, blurred vision, headache and nausea.

CHRONIC EFFECTS: Reports have associated repeated and prolonged occupational exposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. May cause respiratory and/or skin sensitization.

5. FIRE FIGHTING MEASURES

FLAMMABLE CLASS: Flammable

EXTINGUISHING MEDIA: Do not use water, which may spread fire. Extinguish with foam, dry chemical, carbon dioxide, earth or sand.

HAZARDOUS COMBUSTION PRODUCTS: Combustion products may be toxic.

FIRE FIGHTING PROCEDURES: Water may cause fire to spread. Water may be used to cool exposed containers to prevent pressure build up. Wear self-contained breathing apparatus with a full facepiece operated in pressure demand or other positive pressure mode when fighting fires.

FIRE FIGHTING EQUIPMENT: Toxic fumes will be evolved when this material is involved in a fire. Self-contained breathing apparatus should be available for fire fighters.

FIRE EXPLOSION: Containers may explode in heat of fire; cool containers with water. Vapors are heavier than air and may travel along the ground or may be moved by ventilation and ignited by pilot lights, other flames, sparks, heaters, smoking, electrical

motors, static discharge, or other ignition sources at locations distant from material handling point.

SENSITIVE TO STATIC DISCHARGE: Sensitive to static discharge.

SENSITIVITY TO IMPACT: None

HAZARDOUS DECOMPOSITION PRODUCTS: May form toxic, unknown organic compounds, carbon dioxide and carbon monoxide during combustion.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Eliminate sources of ignition and ventilate spill area. Wear skin, eye and respiratory protection during clean-up. Use care to minimize the amount of this product that reaches the sewer. Soak up liquid with absorbent material and shovel into waste container. Cover container and remove from work area. Wash down spill Area with hot water containing detergent and flush to a sewer serviced by a wastewater treatment facility.

LARGE SPILL: Eliminate all ignition sources (flares, flames, including pilot lights, electrical sparks). Persons not wearing protective equipment should be excluded from area of spill until clean up has been completed. Stop spill at source, dike are of spill to prevent spreading. Pump liquid to salvage tank. Remaining liquid may be taken up with sand, clay, earth, floor absorbent, or other absorbent material and shoveled into containers.

ENVIRONMENTAL PRECAUTIONS

WATER SPILL: May be dangerous if it enters water intakes. Notify Local health and Pollution control officials. Notify operators of nearby water intakes.

Asphalt can have disastrous effects on bottom life.

GENERAL PROCEDURES:

Trained personnel using pre-planned procedures should respond to uncontrolled releases. Proper protective equipment should be used. In case of spill, clear the affected area and prevent unprotected personnel from entering.

7. HANDLING AND STORAGE

GENERAL PROCEDURES: Avoid contact with eyes, skin, and clothing. For industrial use only! Harmful if inhaled. Do not take internally. May cause irritation. Do not eat, drink or smoke when using this product. Wear chemical splash goggles, gloves and protective clothing. Avoid high ambient temperatures and humidity. Wash thoroughly after handling.

HANDLING: Avoid contact with skin and eyes. Avoid dust formation. Do not breathe dust. Provide appropriate exhaust ventilation at machinery and at places where dust can be generated. Do not create a dust cloud by using a brush or compressed air. Take precautionary measures against static discharge. All metal parts of the mixing and processing equipments must be grounded. Ensure all equipment is grounded before transfer operations.

STORAGE: Store in a cool, dry place.

Keep container closed when not in use.

Store away from direct heat and flame.

Keep away from food and drinking water.

Store out of direct sunlight.

DO NOT SMOKE where product is used or stored.

Store in a well-ventilated place.

Always mix well before using.

Store away from combustible and incompatible materials.

Ground containers when transferring materials.

Remove all sources of ignition or sparks from area.

Empty containers may have residue and flammable vapors. Do not expose to head, cut, weld, or puncture empty container

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)				
EXPOSURE LIMITS				
Chemical Name	Type		ppm	mg/m ³
asphalt (cutback)	ACGIH TLV	TWA		5
Stoddard Solvent	OSHA PEL	TWA	500	2900
		STEL	100	
	ACGIH TLV	TWA	100	572
	Supplier OEL	TWA	NL	NL
		STEL	NL	NL
nonane	ACGIH TLV	TWA	200	1050

ENGINEERING CONTROLS: Sufficient ventilation pattern and volume to maintain contaminant levels below recommended exposure limits. Solvent vapors are heavier than air and collect in low lying areas. Provide sufficient ventilation to prevent flammable vapor/air mixtures from accumulating. Spark-proof and explosion-proof equipment must be used. A face velocity of 60 fpm is recommended for fans.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Safety glasses with side shields, chemical resistant goggles, or face shield. Contact lenses should not be worn.

SKIN: Impervious gloves, neoprene, or other suitable long sleeved and legged clothing. Launder clothing before reuse.

RESPIRATORY: Use organic vapor cartridges in respirators. If TLV of any component is exceeded use appropriate respiratory protection or ventilate in accordance with OSHA Regulation 29 CFR Part 1910.V.

WORK HYGIENIC PRACTICES: Wash contact area thoroughly with soap and water. Remove contaminated clothing. Launder before reuse. Seek medical attention if erythema develops.

9. PHYSICAL AND CHEMICAL PROPERTIES

ODOR: Aromatic

ODOR THRESHOLD: Not Available

APPEARANCE: Viscous liquid

COLOR: Black

pH: Not Established

PERCENT VOLATILE: 50

FLASH POINT AND METHOD: 40.5°C (105°F)

FLAMMABLE LIMITS: 1 to 7

AUTOIGNITION TEMPERATURE: Not Established

VAPOR PRESSURE: Not Available

VAPOR DENSITY: Not Available

BOILING POINT: Not Available

MELTING POINT: Not Established

SOLUBILITY IN WATER: Insoluble

EVAPORATION RATE: Slower than ether.

DENSITY: 7.4 - 7.7 per Gallon

SPECIFIC GRAVITY: 0.91

10. STABILITY AND REACTIVITY

REACTIVITY: Yes

HAZARDOUS POLYMERIZATION: None

STABILITY: Stable under normal conditions of use and storage.

CONDITIONS TO AVOID: Heat, sparks, static electricity, and open flames.

HAZARDOUS DECOMPOSITION PRODUCTS: May form toxic, unknown organic compounds, carbon dioxide and carbon monoxide during combustion.

INCOMPATIBLE MATERIALS: Avoid contact with strong acids or oxidizing agents.

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY

DERMAL LD₅₀: No data is available on the product itself.

ORAL LD₅₀: No data is available on the product itself.

INHALATION LC₅₀: No data is available on the product itself.

SERIOUS EYE DAMAGE/IRRITATION: Eye, Skin and Inhalation Irritant.

RESPIRATORY OR SKIN SENSITISATION: Skin and Respiratory sensitizer.

GERM CELL MUTAGENICITY: No Data Available

REPRODUCTIVE TOXICITY: No Data Available

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: No data available. Contact Env. Dept.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Waste must be disposed of in accordance with federal, state, and local environmental control regulations.

EMPTY CONTAINER: Disposal must be made according to official regulations.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Flammable, Liquid, Corrosive, N.O.S., (Petroleum Distillates)

PRIMARY HAZARD CLASS/DIVISION: 3

UN/NA NUMBER: UN1268

PACKING GROUP: III

NAERG: 128

LABEL: Flammable Liquid

ROAD AND RAIL (ADR/RID)

PROPER SHIPPING NAME: Flammable, Liquid, Corrosive, N.O.S., (Petroleum Distillates)

UN NUMBER: UN1268

HAZARD CLASS: 3

PACKING GROUP: III

LABEL: Flammable Liquid

AIR (ICAO/IATA)

SHIPPING NAME: Flammable, Liquid, Corrosive, N.O.S., (Petroleum Distillates)

UN/NA NUMBER: UN1268

PRIMARY HAZARD CLASS/DIVISION: 3

ERG: 128

LABEL: Flammable Liquid

VESSEL (IMO/IMDG)

SHIPPING NAME: Flammable, Liquid, Corrosive, N.O.S., (Petroleum Distillates)

UN/NA NUMBER: UN1268

PRIMARY HAZARD CLASS/DIVISION: 3

PACKING GROUP: III**LABEL:** Flammable Liquid**CANADA TRANSPORT OF DANGEROUS GOODS****SHIPPING NAME:** Flammable, Liquid, Corrosive, N.O.S., (Petroleum Distillates)**UN/NA NUMBER:** UN1268**PRIMARY HAZARD CLASS/DIVISION:** 3**PACKING GROUP:** III**LABEL:** Flammable Liquid**15. REGULATORY INFORMATION****UNITED STATES****DOT LABEL SYMBOL AND HAZARD CLASSIFICATION**

Flammable
Liquid

R10: Flammable.

R36/37/38: Irritating to eyes, respiratory system and skin.

S15: Keep away from heat.

S16: Keep away from sources of ignition — No smoking.

S17: Keep away from combustible material.

S21: When using do not smoke.

S24/25: Avoid contact with skin and eyes.

S36: Wear suitable protective clothing.

R48/23/25: Toxic : danger of serious damage to health by prolonged exposure through inhalation and if swallowed.

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)**311/312 HAZARD CATEGORIES:** Acute. Chronic. Fire Hazard.**313 REPORTABLE INGREDIENTS:** There are no listed chemicals above detection limits in this compound.**TITLE III NOTES:** None above detection limits.**TSCA (TOXIC SUBSTANCE CONTROL ACT)**

Chemical Name	CAS
asphalt (cutback)	8052-42-4
Stoddard Solvent	8052-41-3
nonane	111-84-2

REGULATIONS**STATE REGULATIONS:**

Massachusetts Right To Know Components

Asphalt CAS-No 8052-42-4

Mineral Spirits CAS-No 8052-41-3

Nonane CAS-No 111-84-2

Pennsylvania Right To Know Components

Asphalt CAS-No 8052-42-4

Mineral Spirits CAS-No 8052-41-3

Nonane CAS-No 111-84-2

New Jersey Right To Know Components

Asphalt CAS-No 8052-42-4

Mineral Spirits CAS-No 8052-41-3

Nonane CAS-No 111-84-2

CALIFORNIA PROPOSITION 65: This product does not contain any chemicals known to the State of California to cause cancer or reproductive toxicity.

CANADA

WHMIS HAZARD SYMBOL AND CLASSIFICATION



Flammable
Liquid

R10: Flammable.

R20/21/22: Harmful by inhalation, in contact with skin and if swallowed.

S15: Keep away from heat.

S16: Keep away from sources of ignition — No smoking.

S17: Keep away from combustible material.

S21: When using do not smoke.

S24/25: Avoid contact with skin and eyes.

S36: Wear suitable protective clothing.

R48/23/25: Toxic : danger of serious damage to health by prolonged exposure through inhalation and if swallowed.

WHMIS CLASS: Class B, Division 2, Flammable Liquid.

DOMESTIC SUBSTANCE LIST (INVENTORY): Components included on inventory

16. OTHER INFORMATION

PREPARED BY: John A Kozak **Date Prepared:** 10/23/2015

HMIS RATING

HEALTH	<input type="checkbox"/>	2
FLAMMABILITY	<input type="checkbox"/>	2
PHYSICAL HAZARD	<input type="checkbox"/>	0
PERSONAL PROTECTION	<input type="checkbox"/>	G