

SAFETY DATA SHEET

SECTION 1) CHEMICAL PRODUCT AND SUPPLIER'S IDENTIFICATION

Product ID: N/A
Product Name: APEI ASPHALT PATCH TYPE HP
Revision Date: June 2, 2017
Version: 1.0
Manufacturer's Name: Asphalt Patch Enterprise, Inc.
Address: 1332 Azalea Lane New Braunfels, TX 78130
Emergency Phone: 830-606-5723
Information Phone Number: 830-606-5723
Fax: 830-606-5723

Product/Recommended Uses:

SECTION 2) HAZARDS IDENTIFICATION

Classification:

Carcinogenicity - Category 2
Specific Target Organ Toxicity - Repeated Exposure - Category 2

Pictograms:



Signal Word:

Warning

Hazardous Statements - Health:

Suspected of causing cancer

Precautionary Statements - General:

If medical advice is needed, have product container or label at hand.
Keep out of reach of children.
Read label before use.

Precautionary Statements - Prevention:

Avoid breathing dust/fume/gas/mist/vapors/spray.
Use only outdoors or in a well-ventilated area.
Wash with soap and water thoroughly after handling.
Wear protective gloves/protective clothing/eye protection/face protection.
Do not handle until all safety precautions have been read and understood.

Precautionary Statements - Response:

If skin irritation occurs: Get medical advice/attention.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If eye irritation persists: Get medical advice/attention.
IF exposed or concerned: Get medical advice/attention.

Precautionary Statements - Storage:

Store in its original packaging.

Precautionary Statements - Disposal:

Dispose of contents/container to disposal recycling center. Under RCRA it is the responsibility of the user of the product to determine at the time of disposal whether the product meets RCRA criteria for hazardous waste. Waste management should be in full compliance with federal, state and local laws.

Hazard not otherwise classified (HNOC):

None

SECTION 3) COMPOSITION / INFORMATION ON INGREDIENTS

CAS	Chemical Name	% By Weight
0008052-42-4	BITUMENS	3% - 5%
0068476-34-6	FUEL DIESEL #2	0.5% - 1%
1317-65-3	LIMESTONE	40% - 60%
14808-60-7	SAND/SILICA/QUARTZ	40% - 60%

SECTION 4) FIRST-AID MEASURES

Inhalation:

Remove source of exposure or move person to fresh air and keep comfortable for breathing. If breathing has stopped, trained personnel should begin rescue breathing or, if the heart has stopped, immediately start cardiopulmonary resuscitation (CPR) or automated external defibrillator.

Skin Contact:

Rinse/wash with lukewarm, gently flowing water and mild soap for 5 minutes or until product is removed. If exposed or concerned: Get medical advice/attention.

Eye Contact:

If irritation occurs, cautiously rinse eyes with lukewarm, gently flowing water for 15-20 minutes, while holding the eyelids open. If eye irritation persists: Get medical advice/attention.

Ingestion:

If exposed or concerned: Get medical advice/attention.

Most Important Symptoms/Effects, Acute and Delayed:

No data available

Indication of Immediate Medical Attention and Special Treatment Needed:

No data available

SECTION 5) FIRE-FIGHTING MEASURES

Suitable Extinguishing Media:

Dry chemical, foam, carbon dioxide or fog is recommended. Water spray is recommended to cool or protect exposed materials or structures. Carbon dioxide can displace oxygen. Use caution when applying carbon dioxide in confined spaces. Simultaneous use of foam and water on the same surface is to be avoided as water destroys the foam. Sand or earth may be used for small fires only. Water fog may be used on flat surfaces such as roads.

Unsuitable Extinguishing Media:

Water may be ineffective but can be used to cool containers exposed to heat or flame.

Specific Hazards in Case of Fire:

Hazardous combustion products may include: A complex mixture of airborne solid and liquid particulates and gases (smoke), carbon monoxide, unidentified organic and inorganic compounds. Oxides of sulfur and nitrogen.

Fire-fighting Procedures:

Isolate immediate hazard area and keep unauthorized personnel out. Stop spill/release if it can be done safely. Move undamaged containers from immediate hazard area if it can be done safely. Water spray may be useful in minimizing or dispersing vapors and to protect personnel. Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

Special Fire-fighting Procedures:

NA

Special Protective Actions:

Care should always be exercised in dust/mist areas.

SECTION 6) ACCIDENTAL RELEASE MEASURES**Emergency Procedure:**

Turn off or isolate any source of ignition. Keep unnecessary people away; isolate hazard area and deny entry. Clean up immediately. Transfer to a container for appropriate disposal.

Recommended equipment:

NA

Personal Precautions:

Avoid contact with skin, eyes, and mouth.

Environmental Precautions:

Prevent material from entering sewers, storm drains, other unauthorized drainage systems and natural waterways.

SECTION 7) HANDLING AND STORAGE**General:**

Wash hands after use.
Do not get in eyes, on skin or mouth.
Use good personal hygiene practices.
Eating, drinking and smoking in work areas is prohibited.

Ventilation Requirements:

Use only with adequate ventilation to control air contaminants to their exposure limits. The use of local ventilation is recommended to control emissions near the source.

Storage Room Requirements:

Store in approved containers and protect against physical damage. Keep containers sealed when not in use. No special requirements for storage rooms.

SECTION 8) EXPOSURE CONTROLS/PERSONAL PROTECTION**Eye protection:**

Safety glasses. Contact lenses may absorb irritants. Particles may adhere to lenses and cause corneal damage.

Skin protection:

Wear gloves, long sleeved shirt, long pants and other protective clothing as required to minimize skin contact.

Use of general duty gloves approved to relevant standards provide suitable protection. Suitability and durability of a glove is dependent on usage. Always seek advice from glove suppliers.

Respiratory protection:

If engineering controls do not maintain airborne concentrations to a level which is adequate to protect worker, a respiratory protection program that meets or is equivalent to OSHA 29 CFR 1910.134 and ANSI Z88.2 should be followed. Check with respiratory protective equipment suppliers. Select a filter suitable for combined particulate/organic and vapors in poor ventilated areas.

Appropriate Engineering Controls:

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value.

Chemical Name	OSHA TWA (ppm)	OSHA TWA (mg/m3)	OSHA STEL (ppm)	OSHA STEL (mg/m3)	OSHA Tables (Z1, Z2, Z3)	OSHA Carcinogen	OSHA Skin designation	NIOSH TWA (ppm)	NIOSH TWA (mg/m3)	NIOSH STEL (ppm)	NIOSH STEL (mg/m3)	NIOSH Carcinogen
BITUMENS												1
FUEL DIESEL #2												

Chemical Name	ACGIH TWA (ppm)	ACGIH TWA (mg/m3)	ACGIH STEL (ppm)	ACGIH STEL (mg/m3)	ACGIH Carcinogen	ACGIH Notations	ACGIH TLV Basis

BITUMENS		0.5			A4	A4; BEI	URT & eye irr
FUEL DIESEL #2		100 (IFV)			A3	Skin: A3	Dermatitis

(IFV) - Inhalable fraction and vapor, A3 - Confirmed Animal Carcinogen with Unknown Relevance to Humans, A4 - Not Classifiable as a Human Carcinogen, BEI - Substances for which there is a Biological Exposure Index or Indices, irr - Irritation, URT - Upper respiratory tract

SECTION 9) PHYSICAL AND CHEMICAL PROPERTIES

Physical Properties

Density	21.28 lb/gal
% VOC	0.75
VOC Actual	0.02 lb/gal
VOC Actual	2.29 g/l
Specific Gravity	2.55
VOC Regulatory	0.02 lb/gal
VOC Regulatory	2.29 g/l
Appearance	Dark brown to black pebbles
Odor Threshold	NA
Odor Description	Mild asphalt odor
pH	N.A.
Water Solubility	Insoluble
Flash Point	> 200°F, and will burn in air when exposed to a temperature of 1500°F

SECTION 10) STABILITY AND REACTIVITY

Stability:

Stable

Conditions to Avoid:

Extremes of temperatures and contact with incompatible materials.

Hazardous Polymerization:

Will not occur.

Incompatible Materials:

Avoid contact with acids and oxidizing materials.

Hazardous Decomposition Products:

Normal combustion forms carbon dioxide and water vapor. Incomplete combustion can produce carbon monoxide.

SECTION 11) TOXICOLOGICAL INFORMATION

Skin Corrosion/Irritation:

No data available

Serious Eye Damage/Irritation:

No data available

Respiratory/Skin Sensitization:

No data available

Germ Cell Mutagenicity:

No data available.

Carcinogenicity:

Suspected of causing cancer

Reproductive Toxicity:

No data available.

Specific Target Organ Toxicity - Single Exposure:

No data available

Specific Target Organ Toxicity - Repeated Exposure:

No data available.

Aspiration Hazard:

No data available.

Acute Toxicity:

No data available

Likely route of exposure:

Ingestion, skin contact, eye contact

0008052-42-4 BITUMENS

LC50 (Rodent - rat, Inhalation) : >94.4 mg/m3, Toxic effects : Details of toxic effects not reported other than lethal dose value.

LD50 (Rodent - rat, Oral) : >5000 mg/kg, Toxic effects : Gastrointestinal - hypermotility, diarrhea.

Potential Health Effects - Miscellaneous

0008052-42-4 BITUMENS

SECTION 12) ECOLOGICAL INFORMATION

Toxicity:

No Data Available.

Persistence and Degradability:

No Data Available.

Bio-accumulative Potential:

No Data Available.

Mobility in Soil:

No Data Available.

Other Adverse Effects:

No Data Available.

SECTION 13) DISPOSAL CONSIDERATIONS

Waste Disposal:

Under RCRA it is the responsibility of the user of the product to determine at the time of disposal whether the product meets RCRA criteria for hazardous waste. Waste management should be in full compliance with federal, state and local laws.

SECTION 14) TRANSPORT INFORMATION

U.S. DOT Information:

Not regulated as a hazardous material for transportation.

IMDG Information:

This material is not classified as dangerous under IMDG regulations.

IATA Information:

This material is not classified as dangerous under IATA regulations.

SECTION 15) REGULATORY INFORMATION

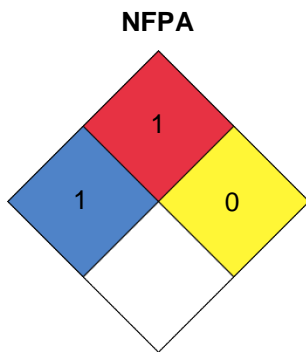
CAS	Chemical Name	% By Weight	Regulation List
0008052-42-4	BITUMENS	3% - 5%	DSL,SARA312,TSCA,TX_ESL,ACGIH
0068476-34-6	FUEL DIESEL #2	0.5% - 1%	DSL,SARA312,TSCA,TX_ESL,ACGIH

Glossary:

ACGIH- American Conference of Governmental Industrial Hygienists; ANSI- American National Standards Institute; Canadian TDG- Canadian Transportation of Dangerous Goods; CAS- Chemical Abstract Service; Chemtrec- Chemical Transportation Emergency Center (US); CHIP- Chemical Hazard Information and Packaging; DSL- Domestic Substances List; EC- Equivalent Concentration; EH40 (UK)- HSE Guidance Note EH40 Occupational Exposure Limits; EPCRA- Emergency Planning and Community Right-To-Know Act; ESL- Effects screening levels; HMIS- Hazardous Material Information Service; LC- Lethal Concentration; LD- Lethal Dose; NFPA- National Fire Protection Association; OEL- Occupational Exposure Limits; OSHA- Occupational Safety and Health Administration, US Department of Labor; PEL- Permissible Exposure Limit; SARA (Title III)- Superfund Amendments and Reauthorization Act; SARA 313- Superfund Amendments and Reauthorization Act, Section 313; SCBA- Self-Contained Breathing Apparatus; STEL- Short Term Exposure Limit; TCEQ - Texas Commission on Environmental Quality; TLV- Threshold Limit Value; TSCA- Toxic Substances Control Act Public Law 94-469; TWA - Time Weighted Value; US DOT- US Department of Transportation; WHMIS- Workplace Hazardous Materials Information System.

Additional Information:

This product doesn't flash. However, flash and NFPA classification are posted obeying product's composition.



Version 1.0:

Revision Date: June 2, 2027

DISCLAIMER

Information provided in this Safety Data Sheet is considered accurate and reliable based on information issued from internal and outside sources to the best of Asphalt Patch Enterprise, Inc. knowledge; however, Asphalt Patch Enterprise, Inc. makes no representations, guarantees or warranties, expressed or implied, of merchantability or fitness for the particular purpose, regarding the accuracy of such information or the result to be obtained from the use thereof or as to the sufficiency of information herein presented. Asphalt Patch Enterprise, Inc. assumes no responsibility for injury to recipient or to third persons or for any damage to any property and recipient assumes all such risks.