

SAFETY DATA SHEET

1. PRODUCT IDENTIFICATION

Product Name: X-Patch, Cold Mix Asphalt Patch, 725
Manufacturers Name: The Extendit Company, Inc.
Address: 601 Jones Street, Youngstown, Ohio 44502
Emergency Phone Number: Infotrac: 1-800-535-5053; International: +01-352-323-3500
General Information: 330-743-4343
Trade Name: Cold Patch
Chemical Family: Asphalt Cold Mix
Effective Date: March 2015
Date Superseded: March 2013

2. HAZARDS IDENTIFICATION

Label Elements:



GHS07



GHS08

Appearance: Black

Physical State: Liquid

Odor: Coal Tar Odor

Signal Word: Danger

Hazard Statement: Causes skin irritation. May cause cancer. May cause damage to organs through prolonged or repeated exposure.

Potential Health Hazards:

Eyes: Severe irritation including redness, tearing and blurred vision. Wear protective eyewear.

Skin: Irritation. If on skin: Wash with plenty of water for at least 15 minutes. If skin irritation occurs: Get medical advice/attention.

Inhalation: Dizziness, headaches, nausea. May cause respiratory irritation.

Prevention: Do not breathe dust. Wash hands after handling. Wear protective gloves and clothing and eye and face protection. Do not eat, drink or smoke when using this product. Wash or throw away contaminated clothing after use. Get medical attention if you feel unwell. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood.

Response: See 4. **FIRST AID MEASURES**

Storage: Store locked up.

Disposal: Dispose of unused product in accordance with all federal, state and local organizations.

3. COMPOSITION AND INFORMATION ON INGREDIENTS

<u>Ingredients</u>	<u>CAS Number</u>	<u>% By Weight</u>
Petroleum Asphalt Base	8052-42-4	2-8
Petroleum Solvent	68476-34-6	1-3
Quartz	14808-60-7	.091-.97

4. FIRST AID MEASURES

Eyes: Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persists.

Skin: Take off contaminated clothing and wash it before reuse. Wash with plenty of soap and water. Launder contaminated items of clothing before wearing. If skin irritation or redness persists or develops after exposure, contact a physician.

Inhalation: Move the individual to fresh air away from the fumes. If he/she is having difficulty breathing or is not fully conscious, administer oxygen or artificial respiration as needed and obtain immediate medical attention.

Swallowing: Rinse mouth. Do NOT induce vomiting. Obtain immediate medical attention.

5. FIRE FIGHTING MEASURES

Flammability: Not available

Extinguishing Method: Foam, dry powder. Carbon dioxide. Water spray. Sand.

Unsuitable Extinguishing Method: Do not use a heavy water stream.

Fire and Explosion Hazards: Never use a welding or cutting torch on or near drums of this material (even empty drums) because material can ignite explosively.

Reactivity: Stable under normal conditions. Sensitivity to mechanical impact: None Sensitivity to static discharge: Not available.

Special Precautions for Fire Fighters and Protective Equipment: A self-contained breathing apparatus with a full-face piece operating in a positive pressure mode may be required. Avoid using a water stream to prevent frothing. Water or foam may cause frothing which can be violent and may present a life-threatening situation. Cool exposed containers to prevent steam pressure buildup and rupture. Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.

6. ACCIDENTAL SPILL OR LEAK PROCEDURES

Personal Precautions: Ensure adequate ventilation. Avoid contact with skin, eyes and clothing. Deny entry to unprotected personnel.

Methods for Containment and Clean-Up: If applicable, follow applicable emergency response plan for your organization. Ventilate the area. Keep people away. Stop and contain the spill. Minimize skin contact and avoid breathing vapors. Wear respiratory protection, protective clothing, gloves and eye/face protection. Advise authorities if product has entered waterways or sewers. This material can be reused; use old material as a base under fresh product. On land, sweep or shovel into suitable containers. Minimize generation of dust. Store away from other materials.

7. HANDLING AND STORAGE

Precautions for Safe Handling: Wear protective clothing; gloves and OSHA approved eye protection and use good industrial hygiene practices. Avoid breathing vapors or dust. Do not eat drink or smoke when using this product. Wash thoroughly after use and before eating, drinking or smoking and when leaving work.

Storage: Store in a well ventilated area away from heat and flame. Dispose of used containers according to local, state and federal requirements. Securely replace lid on container when not in use. Keep out of reach of children.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines: The following occupational exposure guidelines are for the major ingredients in this material. The permissible Exposure Limit (PEL) and Threshold Limit Value (TLV) are expressed in milligrams per cubic meter (mg/m³) ingredient in the work air.

Ingredient	ACGIH TWA (mg/m ³)	PEL	TLV
Petroleum Solvent (68476-34-6)	100 mg/m ³	n/a	n/a
Petroleum Asphalt Base (8052-42-4)	n/a	n/a	n/a
Quartz (14808-60-7)	.025 respirable fraction	.1 respirable dust	

Engineering Controls: Provide sufficient ventilation (mechanical ventilation such as a general or local exhaust system) to prevent vapors from accumulating and to maintain exposure levels below TLV(s) and maintain a positive flow of fresh air.

Respiratory Protection: Respiratory protection should not be required when handling these products in the open air. However, if these materials are being handled in a confined area, wear a respirator with a NIOSH-approved organic vapor respiratory cartridge, or NIOSH-approved air supplied breathing equipment to prevent inhaling fumes. A respirator is only required when working with this material in a confined or inadequately ventilated area.

Eye and Skin Protection: Wear a face shield or safety glasses, impervious clothing, gloves and shoes. Have eye baths readily available. Do not wear contact lenses.

Hygiene Practices: Wash thoroughly after working with this material before eating, drinking, smoking or using bathroom facilities. Remove and launder contaminated clothing before wearing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Black coated stone.

Color: Black

Odor: Tar, Petroleum

Odor Threshold: Not available.

Physical State: Solid.

PH: Not available.

Melting Point: Not available.

Freezing Point: Not available.

Initial Boiling Point and Boiling Range: Not available.

Flash Point: >200°F Cleveland Tag Open Cup Method.

Evaporation Rate: Slower than ether.

Flammability: Not available

Lower Flammability/Explosive Limit: Not available

Upper Flammability/Explosive Limit: Not available

Vapor Pressure: Not available.

Vapor Density: Not available.

Relative Density/Specific Gravity: Heavier than air.

Solubility: Negligible.

Auto-ignition Temperature: Not available.

Decomposition Temperature: Not available.

Viscosity: Not available.

Percent Volatile, wt. %: Not available.

VOC content, wt. %: Not available.

Explosive Properties: Not available.

Oxidizing Properties: Not available.

Note: These physical data are typical values based on material testing, but may vary from sample to sample. Typical values should not be construed as a guaranteed analysis of any specific lot or as specifications for the product.

10. STABILITY AND REACTIVITY

Hazardous Polymerization: This material will not undergo hazardous polymerization.

Hazardous Decomposition: Carbon monoxide, Carbon dioxide.

Chemical Stability: Stable under normal conditions.

Reactivity: Stable under normal conditions.

Incompatibility: Avoid contact with strong acids and strong bases.

Definition: Hazardous Decomposition: Hazardous decomposition products are formed when a material decomposes (breaks down) because it is unstable, or reacts with common materials such as water or oxygen (in air). This information should be considered when planning storage and handling procedures.

11. TOXICOLOGICAL INFORMATION

Acute toxicity: Not Classified

Petroleum Solvent (68476-34-6)

LD50 oral rat	5000 mg/kg
LD50 dermal rabbit	2000 mg/kg
ATE US (oral)	5000.000 mg/kg body weight
ATE US (dermal)	2000.000 mg/kg body weight
ATE US (gases)	4500.000 ppmV/4h
ATE US (vapors)	11.000 mg/l/4h
ATE US (dust, mist)	1.500 mg/l/4h

Petroleum Asphalt Base (8052-42-4)

LD50 oral rat	>5000 mg/kg
LD50 dermal rabbit	>2000 mg/kg
LC50 inhalation rat (mg/l)	>94.4 ml/m ³

Skin corrosion/irritation:	Causes skin irritation
Serious eye damage/irritation:	Not classified
Respiratory/skin sensitization:	Not classified
Germ Cell mutagenicity:	Not classified
Carcinogenicity:	May cause cancer

Petroleum Asphalt Base (8052-42-4)

IARC group	2A - Probably carcinogenic to humans, 2B - Possibly carcinogenic to humans
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Quartz

IARC group	1 - Carcinogenic to humans
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Reproductive toxicity:	Not classified
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:	Not classified
Potential Adverse human health Effects and symptoms:	Based on available data, the classification criteria are not met.
Symptoms/injuries after Inhalation:	Dizziness, headaches, nausea. May cause respiratory irritation
Symptoms/injuries after Skin contact:	Irritation. Causes skin irritation.
Symptoms/injuries after Eye contact:	Severe irritation including redness, tearing and blurred vision.

12. ECOLOGICAL INFORMATION

Toxicity: No additional information available

Persistence and degradability:

Cold Patch	Not established.
Petroleum Solvent (686476-34-6)	May cause long-term adverse effects in the environment
Petroleum Asphalt Base (8052-42-4)	Not established
Quartz (14808-60-7)	Not established

Bioaccumulative potential:

Cold Patch	Not established
Petroleum Solvent (686476-34-6)	Not established
Petroleum Asphalt Base (8052-42-4)	Not established
Quartz (14808-60-7)	Not established

Although there is no evidence that the components of X-Patch Cold Mix bioaccumulate in food chains, the heavier molecular weight components of asphalt and petroleum solvent may be persistent under some environmental conditions. Release of these products into surface waters should be avoided.

13. DISPOSAL CONSIDERATIONS

This product, when discarded or disposed of, is not specifically listed as a hazardous waste in federal regulations. It could be designated as a hazardous waste according to state regulations. This product could also become a hazardous waste if it is mixed with or comes in contact with a hazardous waste. If such contact occurs, consult 40 CFR, to determine whether it is a hazardous waste.

The transportation, storage, treatment and disposal of this waste must be conducted in accordance with all applicable federal, state and local regulations.

14. TRANSPORTATION INFORMATION

DOT Description:

Proper Shipping Name: Not regulated by DOT as a hazardous substance.
Hazard Class: None
UN Number: None
NA Number: None
ADR, Transport by Sea, Air Transport: No additional information available.

15. REGULATORY INFORMATION

	TSCA INVENTORY	IARC	NJ Right to Know
Petroleum Solvent (68476-34-6)	Listed	Not Listed	No
Petroleum Asphalt Base (8052-42-4)	Listed	Not Listed	Yes
Quartz, Silica (14808-60-7)	Listed	Listed	Yes

Canadian Regulations - No information available

EU Regulations - No information available

16. OTHER INFORMATION

None

Keep from freezing. Keep out of reach of children. For professional and industrial use only. Always read label plus precautions on back of sales ticket and follow directions carefully. Do not take internally.

The information contained in this SDS is believed to be accurate as of the time that this document was prepared. All chemicals may present unknown health hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist. Final determination of suitability of the chemical(s) is the sole responsibility of the user. Users of any chemical should satisfy themselves that the conditions and methods of use assure that the chemical is used safely.

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