

# MATERIAL SAFETY DATA SHEET

## 1. PRODUCT IDENTIFICATION

Product Name: X-10 Pavement Sealer, All Grades, 548/542/535/551\*\*/555\*\*  
Manufacturers Name: The Extendit Company, Inc.  
Address: 601 Jones Street, Youngstown, Ohio 44502  
Emergency Phone Number: Infotrac 1-800-535-5053  
General Information: 330-743-4343  
Trade Name: Pavement Sealer  
Chemical Family: Coal Tar Pitch Emulsion  
Effective Date: May 2011  
Date Superseded: April 2011

## 2. COMPOSITION and INFORMATION ON INGREDIENTS

<u>Ingredients</u>	<u>CAS Number</u>	<u>% By Weight</u>
Coal Tar Pitch	65996-93-2	20-35
Clay	1332-58-7	14-30
Silica Sand**	14808-60-7	0-20
Additives	Proprietary	0-2
Water	7732-18-5	>3

Note: Silica sand is an ingredient in only the 551 and 555 grades of pavement sealer.

## 3. HEALTH HAZARDS

**WARNING:** Skin and eye irritant. Harmful or fatal if swallowed. Using this product will expose you to a chemical known to the state of California to cause cancer.

Potential Health Hazards:

Eyes: Fumes or direct contact may cause eye irritation, which, without recommended first aid may result in severe burns.

Skin: Prolonged or repeated contact may cause skin irritation and/or dermatitis or more harmful effects. When not washed off or when accentuated by sunlight, skin contact with the product or product volatiles may result in burns, which may be severe.

Swallowing: Swallowing these materials can cause irritation of the mouth, throat and stomach. Nausea, vomiting and diarrhea may result from ingestion. May be fatal in large amounts.

Inhalation: Breathing the fumes from these materials, particularly when they are heated and/or in an enclosed space may cause headache, nausea, and feelings of dizziness or weakness. Fumes from these materials can irritate the nose, throat and lungs. Prolonged exposure to highly concentrated levels of fumes may result in loss of consciousness and in rare instances, death as a result of being unable to breathe.

## 4. FIRSTAID MEASURES

Eyes: If these materials get into the eyes, flush the person's eyes with large amounts of water for at least fifteen (15) minutes. Be certain to lift the upper and lower lids to ensure that all of the material is flushed out of the eyes. Contact a physician.

Skin: Immediately remove any contaminated clothing and wash the affected areas of the skin with 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: Do not induce vomiting. Vomiting can cause the material to be aspirated into the lungs, causing chemical pneumonitis. This can be fatal. Keep the person warm and quiet and give water or clear fluids. Obtain immediate medical attention.

Note: Seek immediate medical attention for over-exposure.

## 5. FIRE FIGHTING MEASURES

Flash Point: Not applicable.

Combustion Products: H<sub>2</sub>S, CO, CO<sub>2</sub>, SOX and PAH's

Extinguishing Method: Carbon dioxide foam, dry chemical and water fog.

Fire Fighting Instructions: 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.

Fire and Explosion Hazards: Stable. Water may cause frothing.

## 6. ACCIDENTAL SPILL OR LEAK PROCEDURES

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. Keep product out of sewers or waterways by diking or impounding. Coal tar driveway sealer is a marine pollutant and should be placarded as such when transported in bulk (119 gallons or greater in a single package) over sea or large bodies of water. Contain and pick up waste materials. Put in a sealed approved container. Dispose of in accordance with federal, state and local regulations. Advise authorities if product has entered waterways or sewers.

## 7. HANDLING AND STORAGE

Wear protective clothing; gloves and OSHA approved eye protection.

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 from freezing. Keep out of reach of children.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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. 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.

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. Use of protective creams and sunscreen agents are recommended.

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

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 parts per million (PPM) of the ingredient in the work air.

<u>Ingredient</u>	<u>PEL</u>	<u>TLV</u>
Coal Tar (volatiles)	0.2mg/m <sup>3</sup> as 8-hr TWA	0.2mg/m <sup>3</sup> as 8-hr TWA

Note: All pigments, fillers, fibers and extenders in this product are totally encapsulated and do not pose a respirable dust hazard during installation and use of this product.

Components referred to herein, may be regulated by specific Canadian provincial legislation. Please refer to exposure limits legislated for the province in which the substance will be used.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Chemical Formula: Not Applicable, complex mixture.

Appearance: Dark brown, thick consistency

Odor: Aromatic tar odor.

PH: Approximately 6.0-8.0

Melting Point: Not Applicable

Density: Greater than 8.4

Solubility in Water: Insoluble but miscible with water.

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: H<sub>2</sub>S, CO, CO<sub>2</sub>, SOX and PAH's.

Chemical Stability: Stable

Incompatibility: Avoid contact with strong acids, oxidizing agents and petroleum products to preserve the quality of this material.

## 11. TOXICOLOGICAL INFORMATION

Oral - rat LD50 (mg/kg) Not available

Dermal - rabbit LD50 (mg/kg) Not available

Eye irritation - rabbit: Not available

Skin irritation - rabbit (24-hr exposure) Not available

Note: Coal tar pitch volatiles, soots, tars and oils are listed as a carcinogenic category by OSHA, ACGIH, the National Toxicological Program (NTP) and the International Agency for Research on Cancer (IARC). Prolonged or repeated contact may lead to dermatitis; and with poor hygienic practices, to more serious skin disorders such as ulcerations, benign skin growths and skin cancer.

## 12. ECOLOGICAL INFORMATION

This product may cause adverse environmental effects if used improperly or released to the environment through a spill. Employ best management practices to prevent this material from entering storm sewer systems, waterways or otherwise impacting plant and animal species.

## 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. TRANSPORT INFORMATION

DOT Description:

Proper Shipping Name: Not regulated by DOT as a hazardous substance.

Hazard Class: None

UN Number: None

NA Number: None

Coal tar driveway sealer is a marine pollutant and should be placarded as such when transported in bulk (119 gallons or greater in a single package) over sea or large bodies of water.

## 15. REGULATORY INFORMATION

TSCA INVENTORY: Not determined  
DSL INVENTORY: Not determined  
WHMIS INVENTORY: Not determined  
SARA HAZARD NOTIFICATION:  
Hazardous Categories Under Title III Rules (40 CFR 370): Not applicable  
Section 302 Extremely Hazardous Substances: Not applicable  
Section 313 Toxic Chemicals(s): Yes

CERCLA REPORTABLE QUANTITY:

<u>Component</u>	<u>%by Weight</u>
Naphthalene	< 0.1%
Phenanthrene	Approx 1.3%
PAC(polycyclic aromatic compounds)	< 0.1%

CA Proposition 65 Warning: This product contains chemicals know to the State of California to cause Cancer, birth defects, and/or other reproductive harm.

Refer to Section 11 for OSHA/HPA Hazardous Chemical(s) and Section 13 for RCRA classification.

## 16. OTHER INFORMATION

<u>NFPA Classification Rating</u>	<u>HMIS Classification</u>	<u>Hazard</u>
Health 3	Health 3	0 - Least
Fire 0	Fire 0	1 - Slight
Reactivity 0	Reactivity 0	2 - Moderate
Other: -	Personal Prot *	3 - High
		4 - Extreme

\*See Section 8 of this MSDS for guidance in selection of personal protective equipment.

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 MSDS 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.

**NO REPRESENTATIONS OR WARRANTIES, EITHER EXPRESSED OR IMPLIED, OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER NATURE ARE MADE HEREUNDER WITH RESPECT TO THE INFORMATION CONTAINED HEREIN OR THE CHEMICAL TO WHICH THE INFORMATION REFERS.**