

Material Safety Data Sheet (MSDS)

MSDS # 0046 Revision 1
Series:
#0636

NFPA Rating: 1-2-0
HMIS Rating: 1-2-0

SECTION I

EMERGENCY TELEPHONE NO.

TRADE NAME (IF NONE, PUT CHEMICAL) Blacktop & Roof Repair Sealant – Solvent Based

(918) 825-5744 (24 Hrs.)

MANUFACTURER'S NAME AND TELEPHONE NO. Red Devil, Incorporated (918) 825-5744

ADDRESS (Number, Street, City, State, Zip Code) 4175 Webb Street, Pryor, Oklahoma 74361

SECTION II - HAZARDOUS INGREDIENTS

%	TLV	PEL	UNITS
<50	0.5*	UN	Mg/m3
<10	10	10	Mg/m3
<25	100*	500	ppm
<5	10	15	Mg/m3
<30	10	15	Mg/m3
<1	NE	NE	

Petroleum Asphalt (8052-42-4)

Attapulgite Clay (12174-11-7) * ** ***

Mineral Spirits (64742-88-7)

Cellulose (9004-34-6) ** ***

Calcium Carbonate (1317-65-3) ** ***

Amidoaminc (68479-04-9)

*8 Hour TWA

**Inhalation of particulates unlikely due to product's physical state

***As respirable dust

VOC: 25%/wt. CARB Compliance: NO. Prop 65 Ingredients: NONE

SECTION III - PHYSICAL DATA

BOILING POINT (°F)	300 F	SPECIFIC GRAVITY (H₂O=1)	1.2
VAPOR PRESSURE (MM Hg.)	Approx. 2.9	PERCENT VOLATILES BY VOLUME (%)	<30
VAPOR DENSITY (AIR=1)	>1 (air = 1)	pH	NA
SOLUBILITY IN WATER	Negligible	EVAPORATION RATE	(Ethyl ether = 1) Mineral Spirits approximately 70

APPEARANCE AND ODOR Black paste; solvent odor

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used) 100 F TCC (Min. Spir.) **FLAMMABLE LIMITS** **LEL** 0.9% **UEL** 6.7%

EXTINGUISHING MEDIA Carbon dioxide, dry chemical, foam or water fog. Do not direct water on substance. Water & foam may cause frothing. Treat as a fuel oil fire. Water may be used to cool closed containers.

SPECIAL FIRE FIGHTING PROCEDURES In sustained fires, use self-contained breathing apparatus.

UNUSUAL FIRE AND EXPLOSION HAZARDS Closed containers may explode when exposed to extreme heat.

SECTION V - HEALTH HAZARD INFORMATION

SYMPTOM/EFFECTS OR OVEREXPOSURE

Inhalation of dust generated from dried product may cause respiratory irritation. High vapor concentrations may produce headache, dizziness and nausea.

FIRST AID

EYES

Immediately flush eyes with large amounts of water while holding the eyelids open. Get medical attention if irritation persists. Amidoamine additive may cause permanent damage.

SKIN

Clean skin w/ waterless hand cleaners. Prolonged or repeated contact can cause irritation & dermatitis. Remove contaminated clothing, wipe away excess material & wash skin thoroughly. If irritation persists, get medical attention. Amidoamine additive may cause allergic skin reaction.

INHALATION

Move to fresh air. Treat with artificial respiration if needed. Get medical attention if irritation persists.

INGESTION

Aspiration hazard. DO NOT INDUCE VOMITING. Get medical attention immediately. Amidoamine additive can cause burns of mouth & digestive tract. NOTE TO PHYSICIAN: Perform gastric lavage in accordance w/ procedures for ingestion of petroleum products.

SECTION VI - REACTIVITY DATA

STABILITY

Normally stable. Avoid heat, open flame. Avoid conditions that may result in static electricity. Upon heating above 450 F Hydrogen Sulfide gas may be generated.

INCOMPATIBLE MATERIALS

Strong oxidizers such as liquid chlorine, concentrated oxygen, sodium or calcium hypochlorite.

HAZARDOUS DECOMPOSITION PRODUCTS

Carbon monoxide, carbon dioxide. Oxides of nitrogen & sulphur. Hydrocarbons from combustion.

SECTION VII - SPILL OR LEAK PROCEDURES

PROCEDURES

Depending on extent of spill, wear personal protective equipment. Remove ignition sources. Wipe up with inert absorbent material.

WASTE DISPOSAL METHOD

Dispose of according to Local, State and Federal regulations.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY

If TLV exceeded, or for symptoms of overexposure, wear NIOSH-approved respirator; organic vapors.

EYEWEAR Wear safety glasses or chemical goggles.

CLOTHING/GLOVES

Not normally required; in case of extended skin contact, chemical resistant gloves are recommended.

VENTILATION

Provide adequate ventilation. Explosion-proof equipment recommended. No smoking or open lights.

SECTION IX - SPECIAL PRECAUTIONS

Store in a closed container in cool area. Avoid heat & open flame. No listed carcinogens. (ACGIH, NTP, OSHA) Hydrogen sulfide, an extremely flammable, colorless, highly toxic gas is emitted from asphalt heated > 450 F. DOT: Non-bulk packages exempt from DOT HM-181 Regulation. OSHA Labeling: CAUTION! COMBUSTIBLE! DOT Shipping Name: Adhesive, Containing a Flammable Liquid, CLASS 3, PG III, UN1133.

Reviewed By: Lary G. Brandon VP Technology & General Manager June 24, 2004

NAME

TITLE

DATE

The information contained herein has been developed based upon current available scientific data. New information may be developed from time to time which may render

