

Safety Data Sheet (SDS)

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SECTION 1: PRODUCT AND COMPANY INFORMATION

SUPPLIER / DISTRIBUTOR

1st Ayd Corporation
1325 Gateway Drive
Elgin, IL 60124
Phone: 847-622-0001

PRODUCT IDENTIFIER

#E646 Tire Coating

OTHER COMMON NAMES OR SYNONYMS

Emergency Response Number: 800-255-3924

Section 2: Hazard(s) Identification

GHS CLASSIFICATION

Specific Target Organ Toxicity (central nervous system): Category 3.

GHS LABEL ELEMENTS

SIGNAL WORD: **Warning**

HAZARD PICTOGRAMS



HAZARD STATEMENTS

May cause drowsiness and dizziness.

PRECAUTIONARY STATEMENTS:

Keep out of reach of children.

PREVENTION

Avoid breathing dust/fume/gas/mist/vapors/spray. Use only outdoors or in a well-ventilated area.

RESPONSE

IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.

STORAGE

Store in a well-ventilated place. Keep container tightly closed. Store locked up.

DISPOSAL

Dispose of contents and container in accordance with all local, regional, national and international regulations.

OTHER HAZARDS

None known.

Section 3: Composition/Information on Ingredients

The identity of individual components of this mixture is proprietary information and is regarded to be a trade secret and is withheld in accordance with paragraph (i) of §1910.1200.

Ingredient	% by Wt.
Petroleum Distillates	50-85%
Poly(Dimethylsiloxane)	25-40%
Fragrance	0-2%
Resin	0-2%

Section 4: First-Aid Measures

EYE CONTACT: Flush with large amounts of water. Remove contact lenses if easy to do. Continue rinsing. If signs/symptoms persist, get medical attention.

INHALATION: Remove person to fresh air. If you feel unwell, get medical attention.

SKIN CONTACT: Wash with soap and water. If signs/symptoms develop, get medical attention.

INGESTION: Rinse mouth. If you feel unwell, get medical attention.

MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND DELAYED

See Section 11 Information on toxicological effects.

SPECIFIC TREATMENTS:

No data.

Section 5: Fire-Fighting Measures

SPECIFIC HAZARDS ARISING FROM THE CHEMICAL: None inherent in this product.

SUITABLE EXTINGUISHING MEDIA: In case of fire: Use a fire fighting agent suitable for ordinary combustible material such as water or foam to extinguish.

UNSUITABLE EXTINGUISHING MEDIA: No data.

HAZARDOUS THERMAL DECOMPOSITION PRODUCTS: Formaldehyde, Carbon Oxides, Irritant Vapors or Gasses

SPECIAL FIRE FIGHTING PROCEDURES

No unusual fire or explosion hazards are anticipated.

SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS:

No unusual fire or explosion hazards are anticipated.

Section 6: Accidental Release Measures**PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES**

Evacuate area. Ventilate the area with fresh air. For large spill, or spills in confined spaces, provide mechanical ventilation to disperse or exhaust vapors, in accordance with good industrial hygiene practice. Warning! A motor could be an ignition source and could cause flammable gases or vapors in the spill area to burn or explode. Refer to other sections of this SDS for information regarding physical and health hazards, respiratory protection, ventilation, and personal protective equipment.

METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP

Contain spill. Working from around the edges of the spill inward, cover with bentonite, vermiculite, or commercially

available inorganic absorbent material. Mix in sufficient absorbent until it appears dry. Remember, adding an absorbent material does not remove a physical, health, or environmental hazard. Collect as much of the spilled material as possible. Place in a closed container approved for transportation by appropriate authorities. Clean up residue with an appropriate solvent selected by a qualified and authorized person. Ventilate the area with fresh air. Read and follow safety precautions on the solvent label and SDS. Seal the container. Dispose of collected material as soon as possible.

ENVIRONMENTAL PRECAUTIONS:

Avoid release to the environment.

Section 7: Handling and Storage

PRECAUTIONS FOR SAFE HANDLING

Keep out of reach of children. Avoid breathing dust/fume/gas/mist/vapors/spray. Do not get in eyes, on skin, or on clothing. Do not eat, drink or smoke when using this product. Wash thoroughly after handling.

CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

Store in a well-ventilated place. Keep container tightly closed. Protect from sunlight. Store away from heat.

Section 8: Exposure Controls/Personal Protection

CONTROL PARAMETERS

Ingredients	Exposure Limits
Kerosine (petroleum)	ACGIH TLV (United States). TWA(as total hydrocarbon vapor, non-aerosol): 200 mg/m ³ (Skin Notation)
Petroleum Distillates	Chemical Manufacturer Required Guidelines, TWA:165 ppm

ENGINEERING MEASURES

Use general dilution ventilation and/or local exhaust ventilation to control airborne exposures to below relevant Exposure Limits and/or control dust/fume/gas/mist/vapors/spray. If ventilation is not adequate, use respiratory protection equipment.

INDIVIDUAL PROTECTION MEASURES

EYE/FACE PROTECTION

Select and use eye/face protection to prevent contact based on the results of an exposure assessment. The following eye/face protection(s) are recommended as a good industrial hygiene practice: Wear eye/face protection, Safety Glasses with side shields

SKIN/HAND PROTECTION

Select and use gloves and/or protective clothing approved to relevant local standards to prevent skin contact based on the results of an exposure assessment. Selection should be based on use factors such as exposure levels, concentration of the substance or mixture, frequency and duration, physical challenges such as temperature extremes, and other use conditions. Consult with your glove and/or protective clothing manufacturer for selection of appropriate compatible gloves/protective clothing. Wear protective gloves. Gloves made from the following material(s) are recommended: Neoprene.

RESPIRATORY PROTECTION

In case of inadequate ventilation wear respiratory protection. An exposure assessment may be needed to decide if a respirator is required. If a respirator is needed, use respirators as part of a full respiratory protection program. Based on the results of the exposure assessment, select from the following respirator type(s) to reduce inhalation exposure: Half

facepiece or full facepiece air-purifying respirator suitable for organic vapors and particulates. For questions about suitability for a specific application, consult with your respirator manufacturer.

HYGIENE MEASURES

Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period.

Section 9: Physical and Chemical Properties

PHYSICAL STATE	FLASH POINT	VAPOR DENSITY
Liquid	> 93 °C (200 °F)	No data available.
FORM	EVAPORATION RATE	RELATIVE DENSITY
Liquid	No data available.	No data available.
COLOR	FLAMMABILITY (SOLID, GAS)	SOLUBILITY IN WATER
colorless to blue	No data available.	No data available.
ODOR	FLAMMABILITY LIMIT - UPPER (%)	SOLUBILITY (OTHER)
Cherry	No data available.	No data available.
ODOR THRESHOLD	FLAMMABILITY LIMIT - LOWER (%)	PARTITION COEFFICIENT (N-OCTANOL/WATER)
No data available.	No data available.	No data available.
PH	EXPLOSIVE LIMIT - UPPER (%)	AUTO-IGNITION TEMPERATURE
No data available.	No data available.	No data available.
FREEZING POINT	EXPLOSIVE LIMIT - LOWER (%)	DECOMPOSITION TEMPERATURE
No data available	No data available.	No data available.
BOILING POINT	VAPOR PRESSURE	VISCOSITY
No data available.	No data available.	No data available

Section 10: Stability and Reactivity

REACTIVITY

Not expected to be Explosive, Self-Reactive, Self-Heating, or an Organic Peroxide under US GHS Definition(s).

CHEMICAL STABILITY

Material is stable under normal conditions.

POSSIBILITY OF HAZARDOUS REACTIONS

Under normal conditions of storage and use, hazardous reactions will not occur.

CONDITIONS TO AVOID

Heat, spark or flame.

INCOMPATIBLE MATERIALS

None known.

HAZARDOUS DECOMPOSITION PRODUCTS

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11: Toxicological Information

The information below may not be consistent with the material classification in Section 2 if specific ingredient classifications are mandated by a competent authority. In addition, toxicological data on ingredients may not be reflected in the material classification and/or the signs and symptoms of exposure, because an ingredient may be present below the threshold for labeling, an ingredient may not be available for exposure, or the data may not be relevant to the material as a whole.

SIGNS AND SYMPTOMS OF OVEREXPOSURE:

Based on test data and/or information on the components, this material may produce the following health effects:

INHALATION: Respiratory Tract Irritation: Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain. May cause target organ effects after inhalation.

SKIN CONTACT: May be harmful in contact with skin. Mild Skin Irritation: Signs/symptoms may include localized redness, swelling, itching, and dryness.

EYE CONTACT: Sprayed material may cause eye irritation. Signs/symptoms may include redness, swelling, pain, tearing, and blurred or hazy vision.

INGESTION: Gastrointestinal Irritation: Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea. May cause target organ effects after ingestion.

Target Organ Effects:

SINGLE EXPOSURE MAY CAUSE: Central Nervous System (CNS) Depression: Signs/symptoms may include headache, dizziness, drowsiness, incoordination, nausea, slowed reaction time, slurred speech, giddiness, and unconsciousness.

TOXICOLOGICAL DATA

If a component is disclosed in section 3 but does not appear in a table below, either no data are available for that endpoint or the data are not sufficient for classification.

Acute Toxicity

Name	Route	Species	Value
Petroleum Distillates	Dermal	Rabbit	LD50 > 3,160 mg/kg
Petroleum Distillates	Inhalation, Dust/Mist 4 hrs.	Rat	LC50 > 3.0 mg/l
Petroleum Distillates	Ingestion	Rat	LD50 > 5,000 mg/kg
Poly(Dimethylsiloxane)	Dermal	Rabbit	LD50 > 19,400 mg/kg
Poly(Dimethylsiloxane)	Ingestion	Rat	LD50 > 17,000 mg/kg

Skin Corrosion / Irritation

Name	Species	Value
Petroleum Distillates	Rabbit	Mild Irritant

Serious Eye Damage/Irritation

Name	Species	Value
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Petroleum Distillates	Rabbit	Mild Irritant
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Skin Sensitization

Name	Species	Value
Petroleum Distillates	Guinea Pig	Not sensitizing

Respiratory Sensitization

No data available.

Germ Cell Mutagenicity

Name	Route	Value
Petroleum Distillates	In Vitro	Not mutagenic

Carcinogenicity

Name	Route	Species	Value
Petroleum Distillates	Dermal	Mouse	Some positive data exist, but the data are not sufficient for classification

Reproductive Toxicity

No data available.

Specific Target Organ Toxicity - single exposure

Name	Route	Target Organ	Value	Species	Test Result	Exposure Duration
Petroleum Distillates	Inhalation	central nervous system depression	May cause drowsiness or dizziness	Human	NOAEL Not available	
Petroleum Distillates	Inhalation	respiratory irritation	Some positive data exist, but the data are not sufficient for classification		NOAEL Not available	

Specific Target Organ Toxicity - repeated exposure

No data available.

Section 12: Ecological Information (non-mandatory)**Section 13: Disposal Considerations (non-mandatory)****Section 14: Transport Information (non-mandatory)**

Section 15: Regulatory Information (non-mandatory)

Section 16: Other Information

PREPARATION / REVISION DATE

05/27/2015

OTHER INFORMATION

This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

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