

Effective Date: 7-1-2015



NON-EMERGENCY TELEPHONE

256-728-4925

24-HOUR CHEMTREC EMERGENCY

800-424-9300

SDS – SAFETY DATA SHEET

1. Identification

Product Identifier: E-512 Heavy Duty Compound

Recommended Use: Vehicle Buffing

Manufacturer / Supplier: Showcar Products LLC, 53 Welcome Home RD, Grant AI 35747

Phone: 256-728-4925

Email: SHOWCAR@NEHP.NET

Emergency Phone Number: 24-Hour CHEMTREC 800-424-9300

2. Hazard(s) Identification

Physical hazards: Flammable liquids Category 4

Health hazards: Acute toxicity, oral Category 5

Serious eye damage/ eye irritation Category 2B

Specific target organ toxicity, repeated exposure Category 2

Label Elements:

Signal Word: Warning

Trade Name: E-512 Heavy Duty Compound



Hazard Statements: Combustible liquid. May be harmful if swallowed. Causes serious eye irritation. Causes damage to organs through prolonged or repeated exposure.

Precautionary statement

Prevention: Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Do not breathe mist or vapor. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves/eye protection/face protection.

Response: If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If exposed or concerned: Get medical advice/attention. Call a poison center/doctor if you feel unwell. If eye irritation persists: Get medical advice/attention. In case of fire: Use appropriate media to extinguish.

Storage: Store in a well-ventilated place. Keep cool.

Disposal: Dispose of contents/container in accordance with local/regional/national/international regulations

3. **Composition / Information on Ingredients**

| Ingredient | CAS Number | Percent | Hazardous | Chemical Characterization |
|--------------------|------------|---------|-----------|---------------------------|
| Mineral Spirits | 8052-41-3 | 30-60% | No | Mixture |
| Diatomaceous Earth | 68855-54-9 | 5-15% | No | Mixture |
| Kaolin (Dust) | 66402-68-4 | 3-15% | No | Mixture |
| Glycerin (as mist) | 56-81-5 | 1-10% | No | Mixture |

4. **First-aid Measures**

In all cases, call a Physician immediately.

Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give Oxygen. CALL A PHYSICIAN IMMEDIATELY.

Ingestion: DO NOT INDUCE VOMITING. Give large quantities of water. Never give anything by mouth to an unconscious person. CALL A PHYSICIAN IMMEDIATELY.

Skin Contact: Immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Call a physician, immediately. Wash clothing before reuse. CALL A PHYSICIAN IMMEDIATELY.

Eye Contact: Immediately flush eyes with gentle but large stream of water for at least 15 minutes, lifting lower and upper eyelids occasionally. CALL A PHYSICIAN IMMEDIATELY.

5. **Fire-fighting Measures**

Unsuitable extinguishing media: Do not use water jet as an extinguisher, as this will spread the fire.

Fire Extinguishing Media: Alcohol resistant foam. Water fog. Carbon dioxide (CO₂). Dry chemical powder, carbon dioxide, sand or earth may be used for small fires only.

Special Information: In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full face piece operated in the pressure demand or other positive pressure mode.

6. **Accidental Release Measures**

Personal Precautions, Protective Equipment and Emergency Procedures: Ventilate area of leak or spill. Wear appropriate personal protective equipment as specified in Section 8. Isolate area. Keep unnecessary and unprotected personnel from entering. Absorb on inert media and collect into suitable container.

Environmental Precautions and Methods and Materials for Containment and Cleaning Up: Contain and recover liquid when possible. Do not let product enter drains. Absorb with an inert material (e. g., vermiculite, dry sand, earth,) and place in a chemical waste container. Do not use combustible materials, such as saw dust. Do not flush to sewer! US Regulations (CERCLA) require reporting spills and releases to soil, water and air in excess of reportable quantities.

7. **Handling and Storage**

Precautions for safe handling: Do not handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. Explosion-proof general and local exhaust ventilation. Minimize fire risks from flammable and combustible materials (including combustible dust and static accumulating liquids) or dangerous reactions with incompatible materials. Handling operations that can promote accumulation of static charges include but are not limited to: mixing, filtering, pumping at high flow rates, splash filling, creating mists or sprays, tank and container filling, tank cleaning, sampling, gauging, switch loading, vacuum truck operations. Take precautionary

measures against static discharges. All equipment used when handling the product must be grounded. Use non-sparking tools and explosion-proof equipment. Do not breathe mist or vapor. Avoid contact with eyes. Do not taste or swallow. When using, do not eat, drink or smoke. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Observe good industrial hygiene practices

Conditions for safe storage, including any incompatibilities: Keep away from heat, sparks and open flame. Prevent electrostatic charge build-up by using common bonding and grounding techniques. Avoid spark promoters. Eliminate sources of ignition. Ground/bond container and equipment. These alone may be insufficient to remove static electricity. Store in a cool, dry place out of direct sunlight. Store in original tightly closed container. Store in a well-ventilated place. Refrigeration recommended. Keep in an area equipped with sprinklers. Store away from incompatible materials (see Section 10 of the SDS).

8. **Exposure Controls / Personal Protection**

Ventilation System: A system of local and / or general exhaust is recommended to keep employee exposures below the Airborne Exposure Limits. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area. Please refer to the ACGIH document, *Industrial Ventilation, A Manual of Recommended Practices*, most recent edition, for details.

Personal Respirators (NIOSH Approved): If the exposure limit is exceeded, a full face piece respirator with high efficiency dust / mist filter may be worn up to 50 times the exposure limit or the maximum use concentration specified by the appropriate regulatory agency or respirator supplier, whichever is lowest. For emergencies or instances where the exposure levels are not known, use a full face piece positive-pressure, air-supplied respirator. **WARNING:** Air purifying respirators do not protect workers in Oxygen-deficient atmospheres.

Skin Protection: Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact.

Eye Protection: Use chemical safety goggles and / or full face shield where dusting or splashing of solutions is possible. Maintain eye wash fountain and quick-drench facilities in work area.

9. **Physical and Chemical Properties**

Appearance: BROWN LIQUID

Odor: SOLVENT ODOR

Odor Threshold: Not determined

pH: 8

% Volatiles by volume @ 21C (70F): 80

Melting Point: 21C (70F) – 80% solution

Boiling Point / Boiling Range: >100C (>212F)

Flash Point: 38C (100F)

Evaporation Rate (BuAc=1): No information found

Flammability: Not applicable

Upper / Lower Flammability or Explosive Limits: Not applicable

Vapor Pressure (mm Hg): 0.3 kPa (@ 20°C)

Vapor Density (Air=1): 3.4 (Air = 1)

Relative Density: 1.685 g/cm³

Solubility: INSOLUABLE

10. **Stability and Reactivity**

Reactivity and / or Chemical Stability: Stable under ordinary conditions of use and storage. Substance can super-cool without crystallizing.

11. **Toxicological Information**

Emergency Overview: USE CAUTION WHEN HANDLING.

Potential Health Effects:

Inhalation: Inhalation is not an expected hazard unless misted or heated to high temperatures. Mist or vapor inhalation can cause irritation to the nose, throat, and upper respiratory tract. Severe exposures can lead to a chemical pneumonitis.

Ingestion: May cause sore throat, abdominal pain, nausea, and severe burns of the mouth, throat, and stomach. Severe exposures can lead to shock, circulatory collapse, and death.

Skin Contact: May cause light redness, pain, and severe skin burns.

Eye Contact: May cause light irritation and serious eye damage.

Aggravation of Pre-existing Conditions: Persons with pre-existing skin disorders or eye problems, or impaired respiratory function may be more susceptible to the effects of the substance.

12. **Ecological Information**

Ecotoxicity: May be harmful to aquatic organisms due to the shift of the pH.

Persistence and Degradability: Expected to be readily biodegradable.

13. **Disposal Considerations**

Do not flush to drain. Follow local & state regulations for disposal.

14. **Transport Information**

UN Number: Not regulated

15. **Regulatory Information**

Not Regulated

16. **Other Information**

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