

MATERIAL SAFETY DATA SHEET
THE TESTOR CORPORATION
440 BLACKHAWK PARK AVENUE
ROCKFORD, ILLINOIS 61104

Telephone number: (815) 962-6654 (M-F 8:00 AM - 4:30 PM CDT)
24 hour Chemtrec telephone number:* (800) 424-9300 Page 1 of 3
24 hour Chemtrec International number:* (703) 527-3887 (collect calls accepted.)
*TO BE USED ONLY IN THE EVENT OF CHEMICAL EMERGENCIES INVOLVING
A SPILL, LEAK, FIRE, EXPOSURE, OR ACCIDENT INVOLVING CHEMICALS.
Date prepared: 12/27/2007

This MSDS complies with OSHA 29 CFR 1910.1200 (The Hazard Communication Standard)

----- SECTION I - PRODUCT IDENTIFICATION -----

PRODUCT IDENTITY (TRADE NAME): #2136 US Army Gulf Armor Sand
Custom Oil Base Brushing Enamel

----- SECTION II - HAZARDOUS INGREDIENTS -----

<u>SPECIFIC CHEMICAL NAME</u>	<u>CAS #</u>	<u>% WT</u>	<u>OSHA PEL/TWA</u>	<u>ACGIH TLV/TWA</u>
VM&P Naphtha	64742-89-8	5-10	300 ppm.	300 ppm.
Mineral Spirits	64742-88-7	35-40	500 ppm.*	100 ppm.*
Iron Oxide Pigment	51274-00-1	1-5	10 mg/cu.m.**	5 mg/cu.m.**
	1332-37-2			
Titanium Dioxide Pigment	13463-67-7	5-10	15 mg/cu.m.**	10 mg/cu.m.**
Magnesium Silicate Pigment	14807-96-6	10-15	2 mg/cu.m.***	2 mg/cu.m.***
Amorphous Silica Gel	112926-00-8	1-5	20 mppcf	10 mg/cu.m.
Hydrous Aluminum Silicate Pigment	1332-58-7	1-5	10 mg/cu.m.**	5 mg/cu.m.***

* Stoddard Solvent as Guide ** Total Dust *** Respirable Dust

----- SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS -----

BOILING RANGE: 246 to 370 deg.F SPECIFIC GRAVITY (Water=1): 1.094
GALLON WEIGHT OF VAPOR PRESSURE: 4.5 mm Hg @ 20 deg.C (calc.)
PRODUCT (Lbs/Gal): 9.11 VAPOR DENSITY: Heavier than air.
PERCENT VOLATILES EVAPORATION RATE: Slower than Ethyl Ether.
(By Volume): 64.5

----- SECTION IV - FIRE & EXPLOSION HAZARD DATA -----

FLASH POINT (SFCC): 79 deg.F
OSHA FLAMMABILITY CLASSIFICATION: Flammable Liquid - CLASS IC
FLAMMABLE LIMITS (calc.) IN AIR: LEL 1.0 ,UEL 7.0
EXTINGUISHING MEDIA: Alcohol resistant foam, carbon dioxide, or dry chemical.
SPECIAL FIRE FIGHTING PROCEDURES: Caution: Flammable. A stream of water could spread fire. Avoid breathing vapors. Keep personnel removed from and upwind of fire. Wear full protective equipment: Eye/Face Shield, Body (Full Bunker Gear), Respiratory (SCBA).
UNUSUAL FIRE AND EXPLOSION HAZARDS: Cool fire exposed containers with water spray (fog). Vapors may travel considerable distance to ignition source and flash back. Product may float and be reignited at water's surface. Overexposure to decomposition products may cause a health hazard.

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----- **SECTION V - SPILL OR LEAK PROCEDURES** -----

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: Caution: Flammable.
Contain spilled product by diking. Eliminate all possible ignition sources.
Provide adequate ventilation. Equip emergency responders with appropriate
personal protection equipment. Take up spill with an absorbent material and
place in non-leaking container. Seal container for proper disposal.

WASTE DISPOSAL METHOD:

Do not incinerate closed containers. Dispose of in accordance with local,
state, and federal regulations.

----- **SECTION VI - HEALTH HAZARD DATA** -----

PRIMARY ROUTES OF ENTRY: Inhalation and skin contact.

CARCINOGENICITY: NTP? NO IARC? Yes* OSHA REGULATED? NO

EFFECTS OF OVEREXPOSURE:

EYE CONTACT: Short term liquid or vapor contact may result in slight eye
irritation. Prolonged and repeated contact may be more irritating.
SKIN CONTACT: Prolonged and repeated liquid contact can cause defatting and
drying of the skin which may result in skin irritation and dermatitis.
BREATHING: Vapors or mist may cause irritation to the throat, mucous membranes
and upper respiratory tract. Inhalation overexposure can lead to central
nervous system depression producing effects such as headaches, nausea,
dizziness and loss of consciousness.
SWALLOWING: May result in vomiting. Aspiration (breathing) of vomitus into
lungs must be avoided as even small quantities in the lungs may result in
chemical pneumonitis and pulmonary edema/hemorrhage.
CHRONIC OVEREXPOSURE: Reports of animal test studies involving prolonged and
repeated inhalation exposures to light hydrocarbon vapors have shown possible
effects to the liver, kidney, and lungs. The relevance of these effects to
man is unknown.
*Titanium Dioxide component is an IARC Group 2B-Possible carcinogen.
WARNING: This product contains a chemical known to the State of California
to cause cancer and birth defects or other reproductive harm.

----- **SECTION VII EMERGENCY AND FIRST AID PROCEDURES** -----

EYE CONTACT: Wash immediately with plenty of water for 15 minutes while holding
eye lids open. Call a physician.
SKIN CONTACT: Remove any contaminated clothing and wash skin with soap
and water thoroughly. If irritation persists, get medical attention.
BREATHING: Remove victim to fresh air and provide oxygen if breathing is
difficult. Give artificial respiration if not breathing. Get medical attention.
SWALLOWING: Do not induce vomiting. Call a physician at once. If vomiting
occurs, keep head below hips to prevent aspiration of liquid into lungs.

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SECTION VIII- REACTIVITY DATA

STABILITY: Stable.

CONDITIONS TO AVOID: Avoid contact with heat, sparks, hot surfaces,
open flames, and other ignition sources.

INCOMPATIBILITY (Materials to Avoid): Strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide and unidentified organic
compounds may be formed during combustion.

HAZARDOUS POLYMERIZATION: Will not occur.

SECTION IX SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: Avoid prolonged or repeated breathing of vapors,
mists and/or dusts. If exposure may or does exceed occupational
exposure limits (Section II) use a NIOSH-approved respirator to
prevent overexposure. In accord with 29 CFR 1910.134 use either an
atmosphere-supplying respirator or an air purifying respirator with
appropriate chemical/mechanical filters.

VENTILATION: If the product is used in a confined area, provide sufficient
mechanical (general and/or local exhaust) ventilation to
maintain exposure below TLV(s). Heavy solvent vapors should be
removed from the lower levels of area, and all ignition sources
(non-explosion proof equipment) should be eliminated if
flammable mixtures will be encountered.

PROTECTIVE GLOVES: Solvent resistant are recommended for prolonged contact.

EYE PROTECTION: Chemical safety splash goggles.

OTHER PROTECTIVE EQUIPMENT: Eye-Wash Station. Safety Shower. Rubber Apron.
Chemical Safety Shoes. Protective Clothing.

SECTION X SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Read all label cautions.
Store away from ignition sources in a cool well ventilated area. Handle
as flammable liquid. Do not drop container.

This product is packaged and sold as a consumer good. This information is
believed to be reliable and accurate, as of the date indicated. It is supplied
on the condition that recipients will make their own determination as to its
suitability and completeness for their purposes. The Testor Corporation assumes
no responsibility for any damages resulting from reliance on this information.