SECTION I - IDENTIFICATION

PRODUCT NAME: Metal Kote
PRODUCT CODE: 2250-A
PRODUCT USE: Metal protectant
COMPANY NAME: BETA TECHNOLOGY, INC.
COMPANY ADDRESS: P.O. Box 218686, Houston, TX 77218
COMPANY PHONE: 281-647-9700
EMERGENCY PHONE: 800-535-5053

SECTION II – HAZARDS IDENTIFICATION

CLASSIFICATION:
- Flammable Aerosol: Category 1
- Liquefied Gas
- Skin Irritant: Category 2
- Eye Irritant: Category 2A
- Specific Target Organ Toxicity (Single Exposure): Category 2
- Specific Target Organ Toxicity (Single Exposure): Category 3
- Specific Target Organ Toxicity (Repeated Exposure): Category 1
- Aspiration Hazard: Category 1

HAZARD STATEMENT(S): DANGER: Extremely Flammable Aerosol. Contains gas under pressure: May explode if heated. Causes skin and serious eye irritation. May cause respiratory irritation, drowsiness or dizziness. May cause damage to organs. May cause damage to organs (central nervous system, kidney, peripheral nervous system) through prolonged or repeated exposure. May be fatal if swallowed and enters airways.

This product contains the following percentage of chemicals of unknown toxicity: 0%

PRECAUTIONARY STATEMENTS:
- Keep away from heat, sparks, open flames, and hot surfaces. -No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Store in a well-ventilated place. Wash hands thoroughly after handling. Wear protective gloves and eye protection. If on skin: Wash with plenty of water. If skin irritation occurs: Get medical attention. Take off contaminated clothing and wash before reuse. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention. Avoid breathing fumes, mist, vapors, and spray. Use only outdoors or in a well-ventilated area. Do not eat, drink or smoke when using this product. If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center or doctor if you feel unwell. If swallowed: Immediately call a poison center or doctor. Do NOT induce vomiting. Dispose of contents and container in accordance with local, state, and national regulations.

SYMBOL:

HAZARDS NOT OTHERWISE CLASSIFIED: N/A

SECTION III – COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>HAZARDOUS INGREDIENT</th>
<th>CAS NUMBER</th>
<th>PERCENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Heptane</td>
<td>142-82-5</td>
<td>10-30%</td>
</tr>
<tr>
<td>Mineral Spirits</td>
<td>8052-41-3</td>
<td>30-60%</td>
</tr>
<tr>
<td>Propane/n-Butane</td>
<td>68476-86-8</td>
<td>10-30%</td>
</tr>
</tbody>
</table>

SECTION IV - FIRST AID MEASURES

EYES: Immediately flush with water for 15 - 20 minutes while holding eyelids open. Seek medical attention if irritation persists.

INGESTION: If swallowed: Rinse mouth. Do NOT induce vomiting. Get medical advice or attention.
INHALATION: Move to fresh air. If breathing is difficult or unconscious, administer oxygen. If not breathing administer artificial respiration. Seek medical attention if irritation persists.

SKIN: Immediately wash with soap and water for 15 minutes. Remove contaminated clothing and shoes immediately. Seek medical attention if irritation develops.

ACUTE HEALTH HAZARDS: Eyes: redness, tearing, blurred vision
Skin: defatting and dermatitis
Inhalation: Anesthetic, irritation, Central Nervous System depression
Oral: abdominal irritation, nausea, vomiting, diarrhea, aspiration risk

CHRONIC HEALTH HAZARDS: Repeated or prolonged exposure may be toxic to brain, lungs and central nervous system (CNS).

NOTE TO PHYSICIAN: If ingested, material may be aspirated into the lungs and cause chemical pneumonitis. Treat appropriately.

SECTION V – FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA: Dry chemical, carbon dioxide, and alcohol foam.

UNSUITABLE EXTINGUISHING MEDIA: Water spray/stream.

SPECIAL FIRE FIGHTING PROCEDURES: Wear NIOSH approved Self Contained Breathing Apparatus with a full face piece operated in a positive pressure demand mode with full body protective clothing when fighting fires. Use water spray only to cool exposed containers.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Contents under pressure. Exposure to temperatures above 120°F may cause bursting. Flammable.

HAZARDOUS COMBUSTION PRODUCTS: Oxides of carbon

SECTION VI – ACCIDENTAL RELEASE MEASURES

PERSONAL PROTECTIVE EQUIPMENT: Refer to section VIII for proper Personal Protective Equipment.

SPILL: Remove any source of ignition. Use non-sparking tools and equipment. Use absorbent on spill sweep to clean. Dispose in accordance with local, state and federal laws. Small releases may be wiped up with wiping material.

WASTE DISPOSAL: Dispose of in accordance with federal, state, and local regulations. Do not dump in sewers. Wrap container and place in trash collection, do not puncture, incinerate, or reuse container.

RCRA STATUS: Product should be fully characterized prior to disposal (40 CFR 261).

SECTION VII – HANDLING AND STORAGE

HANDLING AND STORAGE: Pressurized container: Do not pierce or burn, even after use. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

OTHER PRECAUTIONS: Keep out of the reach of children.

INCOMPATIBILITY: Certain plastics

SECTION VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION

<table>
<thead>
<tr>
<th>HAZARDOUS INGREDIENT</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
</tr>
</thead>
<tbody>
<tr>
<td>Heptane</td>
<td>500 ppm</td>
<td>400 ppm</td>
</tr>
<tr>
<td>Mineral Spirits</td>
<td>500 ppm</td>
<td>100 ppm</td>
</tr>
<tr>
<td>Propane/n-Butane</td>
<td>1000 ppm</td>
<td>1000 ppm</td>
</tr>
</tbody>
</table>

ENGINEERING CONTROLS / VENTILATION: Use only outdoors or in a well-ventilated area.

RESPIRATORY PROTECTION: Wear NIOSH/MSHA approved organic vapor respiratory protection if used in confined, poorly ventilated areas.

PERSONAL PROTECTIVE EQUIPMENT: Safety glasses and chemical resistant gloves

ADDITIONAL MEASURES: Wash hands thoroughly after handling.

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Hazy, Dark Brown Spray
ODOR: Hydrocarbon odor
ODOR THRESHOLD: N/D
BOILING POINT: N/D
### FREEZING POINT
N/D

### FLAMMABILITY
Extremely Flammable Aerosol

### FLASH POINT
N/D

### AUTOIGNITION TEMPERATURE
N/D

### LOWER FLAMMABILITY LIMIT
N/D

### UPPER FLAMMABILITY LIMIT
N/D

### VAPOR PRESSURE (mm Hg)
124

### VAPOR DENSITY (AIR=1)
> 2

### EVAPORATION RATE
5

### SPECIFIC GRAVITY (H2O=1)
0.805 @ 77° F (25° C)

### pH
N/A

### SOLUBILITY IN WATER
0%

### PARTITION COEFFICIENT: n-OCTANOL/WATER (K_{ow})
N/D

### VOLATILE ORGANIC COMPOUNDS (VOC)
77.5%

### DECOMPOSITION TEMPERATURE
N/D

### SECTION X – STABILITY AND REACTIVITY DATA

#### REACTIVITY
None Known

#### CHEMICAL STABILITY
Stable

#### CONDITIONS TO AVOID
Temperatures greater than 122°F and sources of ignition.

#### INCOMPATIBILITY
Certain plastics

#### HAZARDOUS DECOMPOSITION OR BY-PRODUCT
Oxides of carbon

#### POSSIBLE HAZARDOUS REACTIONS
None Known

### SECTION XI – TOXICOLOGICAL INFORMATION

#### TOXICOLOGICAL INFORMATION:
Heptane (142-82-5) LC_{50} (Vapors, Mice) 1600 ppm

#### ROUTES OF ENTRY
Eyes, Ingestion, Inhalation, Skin

#### EYES
Causes irritation, burning, redness, tearing.

#### INGESTION
May cause gastrointestinal irritation, nausea, diarrhea, vomiting, abdominal cramps.

#### INHALATION
May cause irritation to the respiratory tract, nausea, vomiting.

#### SKIN
May cause mild irritation, localized defatting, repeated prolonged contact may cause allergic reaction in some individuals.

#### MEDICAL CONDITION AGGRAVATED
Preexisting disorders of skin, lung, and heart

#### ACUTE HEALTH HAZARDS
Eyes: redness, tearing, blurred vision

Skin: defatting and dermatitis

Inhalation: Anesthetic, irritation, Central Nervous System depression

Oral: abdominal irritation, nausea, vomiting, diarrhea, aspiration risk

#### CHRONIC HEALTH HAZARDS
Repeated or prolonged exposure may be toxic to brain, lungs and central nervous system (CNS).

#### CARCINOGENICITY
OSHA: No  ACGIH: No  NTP: No  IARC: No  OTHER: N/A

### SECTION XII – ECOLOGICAL INFORMATION

#### ECOLOGICAL INFORMATION
Not Established

#### BIODEGRADABILITY
This product is biodegradable.

#### BIOACCUMULATION
This product is not expected to bioaccumulate.

#### SOIL MOBILITY
This product is mobile in soil.

#### OTHER ECOLOGICAL HAZARDS
This material is toxic to aquatic life.

### SECTION XIII – DISPOSAL CONSIDERATIONS

#### WASTE DISPOSAL
Dispose of in accordance with federal, state, and local regulations. Do not dump in sewers. Wrap container and place in trash collection, do not puncture, incinerate, or reuse container.

#### RCRA STATUS
Product should be fully characterized prior to disposal (40 CFR 261).
SECTION XIV - TRANSPORTATION INFORMATION

PROPER SHIPPING NAME: Aerosols, Ltd. Qty.
HAZARD CLASS/DIVISION: 2.1
UN/NA NUMBER: UN 1950
PACKAGING GROUP: N/A

AIR SHIPMENT
PROPER SHIPPING NAME: Aerosols, Ltd. Qty.
HAZARD CLASS/DIVISION: 2.1
UN/NA NUMBER: UN 1950
PACKAGING GROUP: N/A

SHIPPING BY WATER:
VESSEL (IMO/IMDG)
PROPER SHIPPING NAME: Aerosols, Ltd. Qty.
HAZARD CLASS/DIVISION: 2.1
UN/NA NUMBER: UN 1950
PACKAGING GROUP: N/A
ENVIRONMENTAL HAZARDS WATER: Marine Pollutant

SECTION XV - REGULATORY INFORMATION

TSCA STATUS: All Chemicals are listed or exempt.
CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): None
SARA 311/312 HAZARD CATEGORIES: Fire Hazard
SARA 313 REPORTABLE INGREDIENTS: None
STATE REGULATIONS: California Proposition 65: None
INTERNATIONAL REGULATIONS: The components of this product are listed on the chemical inventories of the following countries: Australia, Canada, China, Europe (EINECS), Japan, Korea, Philippines.

NFPA HEALTH: 1
NFPA FLAMMABILITY: 3
NFPA REACTIVITY: 1
NFPA OTHER: None
HMIS HEALTH: 1
HMIS FLAMMABILITY: 3
HMIS REACTIVITY: 1
HMIS PROTECTION: B

SECTION XVI - ADDITIONAL INFORMATION

PREPARATION BY: Chioma Agbai
DATE PREPARED: 01/06/2014
REVISION DATE: 03/23/2017

N/A = Not Applicable; N/D = Not Determined

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