



SAFETY DATA SHEET

Product's ID: Gun Kote 2400 Series

Prepared: 2004

Revision A: 1/29/2008

SDS Adaptation: completed 3/24/2017

Section 1 Identification

Product Identification

Product Code:

Product use:

Gun-Kote

2400 & 2500 Protective Coatings

Protection from Corrosion and Chemical Resistance

Manufacture

KG Industries, LLC

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Section 2 Hazardous Ingredients

Flammable Liquids, Category 2 Serious Eye Damage/Eye Irritation, Category 2A Target Organ Systemic Toxicity (single exposure), Category 3

Signal word: Danger

Hazard Statements:

Physical Hazards:

H225 Highly flammable liquid and vapour.

Health Hazard:

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

Environmental Hazards:

Not classified as an environmental hazard under GHS criteria.

Precautionary Statements:

Prevention:

P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

P242 Use only non-sparking tools.

P243 Take precautionary measures against static discharge.

P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.

P264 Wash hands thoroughly after handling.

P271 Use only outdoors or in a well-ventilated area.

P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.

Response:

P303 + P361 + P353 IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337 + P313 If eye irritation persists: Get medical advice/ attention.

P304 + P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P312 Call a POISON CENTER or doctor/ physician if you feel unwell. Storage:

P403 + P233 Store in a well-ventilated place. Keep container tightly closed.

Disposal:

P501 Dispose of contents and container to appropriate waste site or reclaimer in accordance with local and national regulations.

Other hazards which do not result in classification Repeated exposure may cause skin dryness or cracking Exposure may enhance the toxicity of other materials. See Chapter 11 for details. Vapours are heavier than air. Vapours may travel across the ground and reach remote ignition sources causing a flashback fire danger. This material is a static accumulator. Even with proper grounding and bonding, this material can still accumulate an electrostatic charge. If sufficient charge can accumulate, electrostatic discharge and ignition of flammable air vapour mixtures can occur. The classification of this material is based on OSHA HCS 2012 criteria.

Section 3 Composition:

| Ingredient | Percent | CAS Number |
|---------------------------|----------------|-------------------|
| RESIDUAL PHENOL | <10% | 108-95-2 |
| PEL: 5 PPM | TLV: 5 PPM | |
| Other Limits Recommended: | None | |
| RESIDUAL FORMALDHYDE | <10% | 50-00-0 |
| PEL: 3 PPM | TLV: 1 PPM | |
| Other Limits Recommended: | NONE | |
| ETHYL ALCOHOL | >40% | 64-17-5 |
| Common Names and Synonyms | | |
| ETHANOL | | |
| PEL: 1000 PPM | TLV: 1000 PPM | |
| METHYL ETHYL KEYTONE | >40% | 78-93-3 |
| Synonyms | | |
| MEK | | |
| PEL: 200 PPM | TLV: 200 PPM | |
| Other Limits Recommended: | STEL 300 PPM | |

Note: A complex mixture of Lubricants is used in the manufacturing of both the 2400 and 2500 Series Gun-Kote. In all cases, there are no hazardous effects from these mixtures.

Section 4 First Aid Measures

| | |
|----------------------------|---|
| Eye Contact: | Flush with water for 15 minutes while holding the eyelids open. If symptoms persist seek medical attention. |
| Skin Contact: | Flush with water while removing contaminated clothing and shoes and follow by washing with soap and water. do not reuse clothing or shoes until cleaned. if irritation persists seek medical attention. |
| Inhalation (breathing): | Remove victim to fresh air and provide oxygen if breathing is difficult or laboured seek medical attention. |
| Ingestion (swallowing): | Do not induce vomiting. if vomiting occurs spontaneously, keep head bellow hips to prevent aspiration of liquid into the lungs. Seek medical attention. |

Section 5 Fire - Fighting Measures

Flammable.

The choice of extinguishing is dictated by other materials involved.

Evacuate hazard area of unprotected personnel.

Fire fighters should wear full protective clothing and approved self-contained full face breathing apparatus operated in the positive pressure demand mode.

Section 6 Accidental Release Measures

Evacuate the hazard area of unprotected personnel.
Wear appropriate clothing and respirator.
Shut off source of leak only if safe to do so.
Follow local, regional and national guidelines.

Large Spills Drums: Evacuate the hazard area of unprotected personnel. Wear appropriate clothing and respirator. Shut off source of leak only if safe to do so. Dike and contain. If vapor cloud forms, water fog may be used to suppress contain run-off. Remove with vacuum trucks or pump to storage/salvage vessels. Soak up residue with an absorbent such as clay, sand or other suitable material.

Place in non-leaking approved containers for proper disposal. Flush area with water to remove trace residue; dispose of flush solutions as above

Small Spills: Soak up with absorbent material and place in non-leaking approved containers; seal tightly and dispose of according to Federal, State and/or Local guidelines.

Section 7 Handling and Storage

Handling:

Use only in a well-ventilated area. Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Avoid contact with eyes, skin and clothing. Ground and bond containers when transferring material. Use spark-proof tools and explosion proof = equipment. Avoid contact with heat, sparks and flame. Empty containers may contain residue - do not pressurize, or expose empty containers to heat, sparks or open flames. Do not take internally. Eye wash and safety equipment should be readily available.

Storage:

Keep away from sources of ignition. Store in a flammables area. Store in cool, dry well ventilated area.

Section 8 Exposure Controls / Personal Protection

Respiratory Protection: Use a NIOSH approved respirator as required to prevent over-exposure. In accordance with 29CFR 1910.134, use either a atmosphere-supplying respirator or an air-purifying respirator for organic vapors.

Ventilation: Use ventilation as required to control vapor concentrations.

Protective Gloves: Wear impervious protective gloves as required to prevent skin contact.

Eye Protection: Wear chemical goggles to prevent eye contact.

Other Protective Equip.: Wear protective clothing as required to prevent skin contact.

Hygienic Practices: Avoid contact with skin and avoid breathing vapors. Do not eat, drink, or smoke in works areas. Wash hands prior to eating, drinking or using the restroom.

Section 9 Physical and Chemical Properties

Boiling Point: 70 C
Vapor Pressure: N/A
Melting Point: N/A
Specific Gravity: N/A
Evaporation Rate: N/A
VOC 641 grams per litre
Solubility in water: N/A
Appearance and Odour: Varies depending on color ordered, solvent odour
Flash Point: 25 C (Closed Cup)

Section 10 Stability and Reactivity

Stability: Stable
Conditions to Avoid: Do not store or handle in aluminium equipment at temperatures exceeding 120 deg. F.

Incompatibility

(materials to avoid): Avoid heat sparks and open flames. Avoid contact with strong oxidizing agents.

Decomposition

Products: Carbon monoxide and other unidentified organic compounds may be formed in the presence of combustion.

Hazardous

Polymerization: Will not occur.

Section 11 Toxicological Information

Carcinogenicity: No information available.

Teratogenicity: No information available.

Reproductive: No information available.

Effects: No information available.

Mutagenicity: No information available.

Neurotoxicity: No information available.

Effects and Hazards

of Eye Contact: Vapors may cause sever pain with excess tear production blinking and excess redness with marked swelling of the conjunctiva. Liquid may cause severe pain with conjunctiva irritation seen as marked excessive redness and swelling of the conjunctiva, with possible corneal injury and irritation.

Effects & hazards
or inhalation

(breathing): High concentrations and prolonged exposure to lower concentrations can be irritating to mucus membranes of the upper respiratory track, experienced as a burning sensation to the nose, eyes, and throat with chest discomfort.

Effects & hazards
of ingestion

(swallowing): Liquid ingestion may cause severe irritation of the mouth, throat, oesophagus and stomach with pain in the throat, chest and abdomen with vomiting, nausea, diarrhoea, sweating, dizziness, faintness and drowsiness.

Section 12 Ecological Information

Not soluble in water. Solvents will evaporate. Solids are not toxic. Material must be handled according to local, regional and national guidelines for disposal.

Section 13 Disposal Considerations

Use non-leaking approved containers sealed tightly and labeled properly.

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

Containers, even those that have been emptied will retain product residue and vapors.

Always obey hazard warnings and handle empty containers as if they were full.

Section 14 Transport Information

UN 1263 Paint Related Materials

Classification 3 Packing Group 3

May be carried in tanks by road or rail

Section 15 Regulatory Information

OSHA Hazards : This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Regulatory Information: EU labeling required.
EU Risks: R20: Harmful by inhalation. R 36/37/38: Irritating to eyes, respiratory system
EU Safety: S9: Keep in dry area.
S2: Keep out of reach of Children
S15: Keep Away from Heat.
S 24/25: Avoid contact with skin and eyes.
S36/37 Wear Protective Clothing/Gloves.



Health: 2 Moderate
Flammability: 3 Severe
Reactivity: 2 Moderate
Contact: 1 Slight

Section 16 Other Information

Manufacture of this product is intended for use as a protective coating for metal. For professional use only

Disclaimer

KG Industries provides the information herein in good faith. This document is only intended as a guide to the appropriate precautionary handling of the material by a trained person using this product. Regulatory requirements are subject to change and may differ from one location to another. Conditions of handling and use or misuse are beyond our control.