



Material Safety Data Sheet

K-WAX INTERNATIONAL CO., LTD
No. 43, Sanlong St.,
Shulin Dist., New
Taipei City 238, Taiwan(R.O.C.)
Tel. 886-2-86883099

1. Product And Company Identification

Product Name: K-WAX ® TF-150 Fluorides Coating

Responsible Party: K-WAX INTERNATIONAL CO., LTD
No.43, Sanlong St.,
Shulin Dist., New Taipei
City 238, Taiwan (R.O.C.)

Emergency Information: TEL. 886-2-86883099 FAX. 886-2-86883089

SDS Date of Preparation: 10/01/2021

Product Use and Uses Advised Against: Automotive maintenance product – For consumer and professional use

2. Hazards Identification

Note: This product is a consumer product and is labeled in accordance with the Consumer Product Safety Commission regulations and not OSHA regulations. The requirements for the labeling of consumer products take precedence over OSHA labeling so the actual product label will not contain the OSHA label elements shown below on this SDS.

GHS Classification:

Physical: Flammable Liquid Category 4	Health: Aspiration toxicity Category 1
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GHS Label Elements:



WARNING!

Statements of Hazard	Precautionary Phrases
May be fatal if swallowed and enters airways	If medical advice is needed, have product container or label at hand. Keep out of reach of children. Read label before use. Keep away from flames and hot surfaces. No smoking. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting/equipment. Wear protective gloves/protective clothing/eye protection/face protection.



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Hazards not otherwise specified: None

Percentage of unknown toxicity: N/A

3. Composition/Information On Ingredients

Component	CAS No.	Amount
Hydrotreated light distillate	64742-47-8	80-90%
Silicone additive	139614-44-1	10-20%

The specific identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

4. First Aid Measures

GENERAL ADVICE: Immediate medical attention is required. Show this safety data sheet to the doctor in attendance.

SKIN CONTACT: Removal of liquid material from skin requires medical attention.

EYE CONTACT: Rinse thoroughly with plenty of water, also under the eyelids. If symptoms persist, get medical advice/attention.

INGESTION: Aspiration hazard if swallowed – can enter lungs and cause damage. Do NOT induce vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration. Rinse mouth immediately and drink plenty of water. Never give anything by mouth to an unconscious person. Call a physician or POISON CONTROL center immediately.

INHALATION: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.

SELF-PROTECTION OF THE FIRST AIDER: Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination.

5. Firefighting Measures

Suitable (and Unsuitable) Extinguishing Media: This product is combustible. Use dry chemical, foam, or carbon dioxide to extinguish. Water fog may be used to cool containers to prevent rupturing.

Specific Hazards Arising from the Chemical: This product has a flashpoint of 185°F/85°C.

Uniform Fire Code

Combustible liquid: II

Special Protective Equipment and Precautions for Fire-fighters: Evacuate all unnecessary personnel. Shut down motors, pumps, electrical service, and eliminate sources of ignition. Use water spray to cool containers and avoid pressure build-up. Wear self-contained breathing apparatus and full protective clothing.



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6: Accidental Release Measures

Personal Precautions, Protective Equipment, and Emergency Procedures: Evacuate all unnecessary personnel and eliminate all sources of ignition.

Environmental Precautions: Contain liquids and prevent discharge into streams and sewers, control or stop the loss of volatile material to the atmosphere. Do not apply water to the spill. Spills should be reported, if required, to the appropriate local, state, or federal agencies.

Methods for Containment and Clean-Up: Prevent further leakage or spillage if safe to do so. Do not touch or walk through spilled material. Dike ahead of the spill and collect runoff water. Keep out of drains, sewers, ditches and waterways. Pick up and transfer to properly labeled containers. Take precautionary measures against static discharges. Dam up. Soak up with Inert absorbent material.

7. Handling and Storage

Precautions for Safe Handling: Keep away from heat, sparks, pilot lights, welding operations, and open flames. Do not eat, drink, or smoke in areas where this material is used. Do not get in eyes, clothing, or on skin.

Keep away from heat, sparks, pilot lights, welding operations, and open flames. Ground all equipment. Vapors are heavier than air and will tend to collect in low areas. Avoid use in confined spaces. Areas of poor ventilation could contain concentrations high enough to cause unconsciousness and death. Use approved air respirator following manufacturer's recommendations where vapors may be generated. Wash thoroughly with soap and water after handling.

Conditions for Safe Storage, Including any Incompatibilities: Keep container properly closed and properly labeled. Store in a cool dry place designated for combustible liquid storage. Keep away from heat, sparks, and open flame. Vent periodically, if needed, to release head pressure.

8. Exposure Controls / Personal Protection

Exposure Guidelines:

CHEMICAL	EXPOSURE LIMIT
Hydrotreated light distillate	200 mg/m ³ TWA ACGIH TLV
Non-Hazardous ingredients.	None Established

Engineering Controls: Adequate room ventilation plus local exhaust at points of emission to maintain levels of airborne contaminants below exposure limits. Use of fume hoods or closed booths recommended when product is used in a manner that may generate mist or aerosol.

Personal Protective Equipment: HMIS PP, C | Goggles, Gloves, Apron

Other Protective Equipment/Clothing: Emergency shower and eyewash facility should be in close proximity. Completely isolate and thoroughly clean all equipment, piping or vessels with a high flash, non-polar solvent before beginning maintenance or repairs.



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9. Physical and Chemical Properties

Appearance and Odor: Liquid with a slight ammonia odor. Color varies with product number.

Physical State: Liquid	Odor Threshold: Solvent
pH: 6-8	Specific Gravity: 0.96~0.98
Initial Boiling Point/Range: Not determined	Vapor Pressure: Not determined
Melting/Freezing Point: Not determined	Vapor Density: Not determined
Solubility In Water: Not determined	Percent Volatile: >40%
Viscosity: Not determined	Evaporation Rate: Not determined
Coefficient Of Water/Oil Distribution: Not determined	VOC Content: Not determined
Flash Point: 185°F/85°C.	Autoignition Temp: Not determined
Decomposition Temperature: Not determined	Flammability Limits: LEL: Not determined UEL: Not determined
Flammability (solid, gas): Combustible.	

10. Stability and Reactivity

Reactivity: No data available.

Chemical Stability: This product is stable under normal conditions (77°F/25°C and 100kPa/1bar).

Possibility of Hazardous Reactions: None under normal conditions of use according to label instructions.

Conditions To Avoid: Avoid excessive heat; store in a cool, dry, well-ventilated area.
Keep away from heat, flame, and other potential ignition sources.

Incompatible Materials: Incompatible with strong acids, alkalis, and oxidizers.

Hazardous Decomposition Products: Carbon monoxide, carbon dioxide, silicon dioxide

11. Toxicological Information

POTENTIAL HEALTH EFFECTS:

Acute Hazards:

Inhalation: Specific test data for the substance or mixture is not available.

Skin Contact: Specific test data for the substance or mixture is not available.

Eye Contact: Specific test data for the substance or mixture is not available.

Ingestion: Specific test data for the substance or mixture is not available.

Carcinogenicity Listing: None of the components is listed as a carcinogen or potential carcinogen by IARC, NTP, ACGIH or OSHA.



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Acute Toxicity Values:

Hydrotreated light distillate: LD50 Oral rat > 5,000 mg/kg
LD50 Skin rabbit > 2,000 mg/kg

Non-Hazardous ingredients: Not acutely toxic.

12. Ecological Information

Ecotoxicity:

Hydrotreated light distillate: LC50 inh, rat >6.03 mg/L/4 hr

Persistence and Degradability: No data available

Bio accumulative Potential: No data available

Mobility in Soil: No data available

Other Adverse Effects: No data available

13. Disposal Considerations

Dispose of in accordance with all local, state/provincial and federal regulations. Offer empty containers for recycling.

14. Transport Information

General Transportation Statement This product does not require classification by DOT, IATA, ICAO or IMDG.

15. Regulatory Information

US TSCA INVENTORY STATUS: All chemicals used in this product are either listed on or exempt from the TSCA Inventory.

CANADA DSL STATUS: All chemicals used in this product are either listed or exempt.

SARA 302 COMPONENTS: All chemicals used in this product are either listed or exempt.

SARA Hazard Category (311/312):	Acute Health Hazard	Yes
	Chronic Health Hazard	Yes
	Fire Hazard	Yes
	Sudden release of pressure	No
	Reactive Hazard	No

SARA 313: This product is not known to contain any SARA 313 components.

CALIFORNIA PROPOSITION 65: This product is known to contain chemicals known to the state of California to cause cancer, birth defects, or other reproductive harm.



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16. Other Information

NFPA Rating (NFPA 704):	Health: 1	Fire: 2	Instability: 0
HMIS Rating:	Health: 2	Fire: 0	Physical Hazard: 0

REVISION SUMMARY: Oct 1, 2021 Update to GHS SDS format and name change: Changes to all sections.

DATA SUPPLIED IS FOR USE ONLY IN CONNECTION WITH OCCUPATIONAL SAFETY AND HEALTH