



ultrakote I5

MATERIAL SAFETY DATA SHEET

EMERGENCY TELEPHONE:

CALL CHEMTREC: 800-424-9300

INTERNATIONAL: 703-527-3887

1. CHEMICAL PRODUCT IDENTIFICATION:

PRODUCT NAME.....: Ultrakote L5

DATE PRINTED.....: December 14, 2012

MANUFACTURER.....: Ultrakote Products

PREPARER.....: A. Skelhorn

2. COMPOSITION / INFORMATION ON INGREDIENTS:

ITEM	CHEMICAL NAME	CAS NUMBER	WT / WT%
01	Limestone, calcium carbonate	137-65-3	> 55.0%
02	TiO2 (titanium dioxide)	13463-67-7	> 10.0%
03	DEEA (diethylene glycol monobutyl ether)	112-34-5	> 3.0%
04	Propylene glycol	57-55-5	> 5.0%
05	Acrylic / urethane alloy resin	Proprietary	> 16.0%

EXPOSURE LIMITS

ITEM	TLV - TWA	TLV - STEL	PEL - TWA	PEL- CEILING	TLV - TWA	SKIN
01	10 mg/m ³	N.E.	15 mg/m ³	N.E.	N.E.	NO
02	10 mg/m ³	N.E.	15 mg/m ³	N.E.	N.E.	NO
03	N.E.	N.E.	N.E.	N.E.	N.E.	NO
04	N.E.	N.E.	N.E.	N.E.	N.E.	NO
05	N.E.	N.E.	N.E.	N.E.	N.E.	NO

3. HAZARDOUS MATERIALS IDENTIFICATION:

EFFECTS OF OVEREXPOSURE:

PRIMARY ROUTE(S) OF ENTRY: SKIN CONTACT, INHALATION, EYE CONTACT.

EYE CONTACT.....: May cause slight irritation.

SKIN CONTACT.....: Substance may cause slight skin irritation.

INHALATION.....: May cause respiratory tract irritation.

INGESTION.....: Irritating to mouth, throat and stomach.

CHRONIC HAZARDS.....: No known components of this product are listed as known or suspected carcinogens per NIOSH, NTP, IARC or OSHA. Preexisting respiratory or skin condition(s) may be aggravated by exposure.

4. FIRST AID MEASURES:

FIRST AID FOR EYES: Flush eye with water for 15 minutes. Get medical attention.

FIRST AID FOR SKIN: Remove contaminated clothing and shoes. Wash affected area(s) thoroughly with soap and water. If irritation persists, seek medical attention.

FIRST AID FOR INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention.

FIRST AID FOR INGESTION: If swallowed, DO NOT induce vomiting. Give victim one glass of water. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person. Should vomiting occur, be sure to keep victims head below hips to avoid aspiration of vomit into lungs.

5. FIRE FIGHTING MEASURES:

FLASH POINT: 210°F

FLAMMABLE LIMITS:

Upper explosive limit (UEL): 0.0%
Lower explosive limit (LEL): 0.0%

AUTO-IGNITION TEMPERATURE: N.D.

EXTINGUISHING MEDIA: CO₂, dry chemical, alcohol, foam, water, fog

UNUSUAL FIRE AND EXPLOSION HAZARDS: No information

SPECIAL FIREFIGHTING PROCEDURES: Containers exposed to fire should be kept cool with water spray. As in any fire, wear self contained breathing apparatus pressure-demand (MSHA/NIOSH approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES:

SPILL OR LEAK PROCEDURES: Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. Repeat absorbent/sweep cycle until all the spill has dried up. Avoid run off to storm sewers or ditches which lead to waterways.

7. HANDLING AND STORAGE:

HANDLING: Use only in a well ventilated area. Keep out of reach of children.

STORAGE: Keep container closed when not in use.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION:

ENGINEERING CONTROLS: Local exhaust ventilation may be necessary to control any air contaminants to within their TLVs during the use of this product.

RESPIRATORY PROTECTION: Wear NIOSH/MSHA approved respiratory protection when the product is mixed or applied in a poorly ventilated area or if workplace levels of ingredients exceed the TLV. Follow applicable federal, state and local regulations.

OTHER PROTECTIVE EQUIPMENT: Wear gloves (natural, supported PVC, neoprene or nitrile rubber), eye goggles and clean protective clothing to cover arms and legs to keep exposure to a minimum.

HYGENIC PRACTICES: Do not take internally. Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Avoid breathing vapors from heated material. Avoid contact with eyes, skin and clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES:

BOILING RANGE.....: 364 - 374°F

ODOR.....: Mild acrylic

APPEARANCE.....: Liquid

SOLUBILITY IN H₂O.....: Appreciable

PERCENT VOLITILE.....: 55 + %

VAPOR PRESSURE.....: Approx 17 mmHg

VISCOSITY.....: N.D.
PHYSICAL STATE.....: Liquid
VAPOR DENSITY.....: Is heavier than air
ODOR THRESHOLD.....: N.D.
EVAPORATION RATE.....: Less than 1 (ether = 1)
SPECIFIC GRAVITY.....: 1.05 - 1-15
pH @ 100.0%.....: 6.0 - 9.0 s.u.

(See section 16 for abbreviation legend)

10. STABILITY AND REACTIVITY:

CONDITIONS TO AVOID: No information.

INCOMPATIBILITY: Avoid contact with strong oxidizing agents and acidic agents, strong Lewis or mineral acids.

HAZARDS DECOMPOSITION PRODUCTS: Smoke may be acrid and the fumes irritating. Burning generates CO, CO₂, and smoke. Product is not an oxygen donor.

HAZARDOUS POLYMERIZATION: Will not occur under normal conditions.

STABILITY: This product is stable under normal storage conditions.

11. TOXICOLOGICAL INFORMATION:

DERMAL LD50.....: No information.
ORAL LD50.....: No information.
LC50.....: No information.

12. ECOLOGICAL INFORMATION:

NO ECOLOGICAL INFORMATION AVAILABLE.

13. DISPOSAL CONSIDERATION

WASTE DISPOSAL METHOD: Waste must be disposed of in accordance with federal, state and local environmental control regulations.

14. TRANSPORTATION INFORMATION:

DOT (DOMESTIC SURFACE)

PROPER SHIPPING NAME.....: Not regulated.
TECHNICAL NAME.....: N.A.

HAZARD CLASS.....: N.A.
UN / NA NUMBER.....: N.A.
PLACARD AT.....: N.A.
CLASS NUMBER.....: N.A.
HAZARD SUBCLASS.....: N.A.
PACKING GROUP.....: N.A.

IMO / IMDG CODE (OCEAN)

PROPER SHIPPING NAME.....: Not regulated.
HAZARD CLASS.....: N.A.
CLASS NUMBER.....: N.A.
HAZARD SUBCLASS.....: N.A.
PACKING GROUP.....: N.A.

ICAO / IATA (AIR)

PROPER SHIPPING NAME.....: Not regulated.
HAZARD CLASS.....: N.A.
CLASS NUMBER.....: N.A.
HAZARD SUBCLASS.....: N.A.
UN / NA NUMBER.....: N.A.
PACKING GROUP.....: N.A.
PLACARD AT.....: N.A.

15. REGULATORY INFORMATION:

U.S. FEDERAL REGULATIONS AS FOLLOWS:

OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910, 1200)

CERCLA--SARA HAZARD CATEGORY: This product has been reviewed according to the EPA "Hazard Categories" promulgated under sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

IMMEDIATE HEALTH HAZARD CHRONIC HEALTH HAZARD

SARA SECTION 313:

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR part 372:

CHEMICAL NAME: No SARA section 313 components exist in this product.
CAS NUMBER: No SARA section 313 components exist in this product.
WT/ WT: No SARA section 313 components exist in this product.

TOXIC SUBSTANCES CONTROL ACT:

This product contains the following substances subject to the reporting requirements of TSCA 12 (B) if exported from the United States:

CHEMICAL NAME: No information is available.

CAS NUMBER: No information is available.

U.S. STATE REGULATIONS AS FOLLOWS:

CALIFORNIA PROPOSITION 65: WARNING--No chemical(s) contained in this product, are known to the state of California to cause cancer, birth defects or other reproductive harm.

INTERNATIONAL REGULATIONS AS FOLLOWS:

CANADIAN WHMIS: This MSDS has been prepared in compliance with Controlled Product Regulation except for the use of the 16 headings.

CANADIAN WHMIS CLASS: No information available.

16. OTHER INFORMATION:

HMIS RATINGS:

Health: 1

Flammability: 1

Reactivity: 0

Personal protection: B

VOLATILE ORGANIC COMPOUNDS (VOCS): 1.19 lbs/gal, 142.6 grams/lts

LEGEND

N.A.: Not applicable

N.E.: Not established

N.D.: Not determined

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