

MSDS *Material Safety Data Sheet*

Wechem, Inc.

Zinkote

MSDS Number: A260E

Revision Date: 06/22/09

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1 PRODUCT AND COMPANY IDENTIFICATION

Manufacturer

Distributed By: Wechem, Inc
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2 HAZARDS IDENTIFICATION

Route of Entry: Skin absorption
Target Organs: NA
Inhalation: Inhalation of small amounts of vapor or mist is not likely to cause harmful effects. Inhalation of large amounts may irritate the upper respiratory tract, cause flu-like symptoms, and have a slight anesthetic effect. Prolonged overexposure can cause central nervous system excitation followed by central nervous system depression and other central nervous system effects, temporary changes in mood and behavior, muscle weakness, loss of coordination, confusion, irregular heartbeat, coma, and death. Intentional, prolonged abuse may lead to damage to the central and peripheral nervous systems, vision, hearing, liver, kidneys, heart, blood, and brain.
Skin Contact: May cause mild irritation. Frequent or prolonged contact may cause redness, burning, drying and cracking of skin, irritation. Passage of this material into the body through the skin is possible. May aggravate existing skin conditions.
Eye Contact: May cause irritation accompanied by stinging, tearing, redness and swelling of eyes.
Ingestion: Can cause gastrointestinal irritation, nausea, vomiting, diarrhea. Aspiration of material into the lungs can cause lung inflammation and other lung injury.

HMIS II-ratings (scale 0-4): Health = 2, Fire = 3, Reactivity = 1
HMIS III-ratings (scale 0-4): Health = 2, Fire = 3, Physical Hazard = 1
NFPA-ratings (scale 0-4): Health = 2, Fire = 3, Reactivity = 1

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3 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients:

Cas #	Chemical Name	Perc.	OSHA PEL (ppm)	ACGIH TLV(ppm)	Carcin. Ref.
108883	Toluene	30-40	200	50	D
68476868	Liquefied Petroleum Gas	35-45	1000	1000	D
7440666	Zinc	10-20	10mg/m3 (Dust)	NA	D
64742478	Petroleum Distillate Hydrotreated, Light	1-10	500	100	D

4 FIRST AID MEASURES

Inhalation:	Remove to fresh air. Seek medical attention immediately. If breathing stops give artificial respiration.
Skin Contact:	Wash with soap and water. If irritated seek medical attention.
Eye Contact:	Flush with large amounts of cool running water for at least 15 minutes while holding upper and lower lids open. If irritation persists get medical attention immediately.
Ingestion:	Do not induce vomiting. Get medical attention.

5 FIRE FIGHTING MEASURES

Flash Point:	80 Deg. F.
Flash Point Method:	TOC
Burning Rate:	ND
Autoignition Temperature:	ND
LEL:	ND
UEL:	ND
Flammability Classification:	(PER CSMA Flame Projection Test): Extremely Flammable Spray

Extinguishing media: Foam, dry chemical, carbon dioxide

Special Fire fighting procedures: Use self-contained breathing apparatus and protective clothing. Cool fire-exposed containers to prevent rupturing.

Unusual Fire & Explosion Hazard: Exposure to temperature above 120 Deg. F. may cause bursting.

6 ACCIDENTAL RELEASE MEASURES

Allow propellant to evaporate. Maintain local exhaust and adequate ventilation. No smoking. Keep sparks, heat sources and open flame far way from spill or leak. Cover with absorbent material and sweep up. Wash area to prevent slipping. Dispose of soaked absorbent material in accordance with local, state and federal laws.

7 HANDLING AND STORAGE

Handling Precautions:	Store in a cool, dry area away from heat or open flame. Do not store at temperatures above 120 Deg. F. For Industrial and Institutional use only.
Storage Requirements:	Do not puncture or incinerate containers. Do not store at temperatures above 120 Deg. F. Keep out of reach of children.

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8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Ventilation Requirement: Adequate ventilation to keep vapor concentration below TLV.
Protective Equipment: HMIS PP, B | Goggles, Gloves
Respiratory Protection: If air concentrations exceed exposure limits listed in Section II, wear NIOSH/MSHA approved respirator with dust filter and organic vapor cartridge.
Protective gloves: Use chemical resistant gloves to prevent hand contact
Eye protection: Safety glasses/chemical proof goggles
Exposure Guidelines/Other: Hygienic work practices: Wash with soap and water before handling food. Remove contaminated clothing.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	(Aerosol concentrate only) Gray, viscous liquid		
Physical State:	Liquid	Boiling Point:	>200 Deg. F.
Odor:	Solvent	Freezing/Melting Pt.:	NA
pH:	NA	Solubility:	Negligible
Vapor Pressure:	60 @ 72 Deg. F.	Spec Grav./Density:	(H2O=1): 1.105 @ 70 Deg. F.
Vapor Density:	(Air=1): > 1		
Heat Value:	NA		
VOC:	77.62%		
Evap. Rate:	NA		
Bulk Density:	NA		
Octanol:	NA		
Molecular Weight:	NA		
Particle Size:	NA		
Softening Point:	NA		
Viscosity:	NA		
Percent Volatile:	NA		
Sat. Vap. Concentrat.:	NA		
Molecular Formula:	NA		

10 STABILITY AND REACTIVITY

Stability: Material stable

Conditions to avoid: Open flame, welding arcs, heat, sparks

Materials to avoid (incompatibility): Avoid contact with halogen gases, strong oxidizing agents, acids, and alkaline hydroxides.

Hazardous Decomposition products: Carbon monoxide, Carbon dioxide, and Zinc Oxide fume

Hazardous Polymerization: Will not occur

11 TOXICOLOGICAL INFORMATION

NA

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12 ECOLOGICAL INFORMATION

NA

13 DISPOSAL CONSIDERATIONS

Aerosol cans, when emptied and depressurized through normal use, pose no disposal hazard and should be recycled. Consult Federal, State, and local laws.

14 TRANSPORT INFORMATION

Proper Shipping Name: Consumer Commodity, ORM-D

15 REGULATORY INFORMATION

COMPONENT / (CAS/PERC) / CODES

*Toluene (108883 30-40%) CERCLA, CSWHS, EPCRAWPC, HAP, MASS, NJHS, OSHAWAC, PA, PRIPOL, PROP65, SARA313, TOXICPOL, TOXICRCRA, TSCA, TXAIR, TXHWL

*Zinc (7440666 10-20%) CERCLA, EPCRAWPC, MASS, NJHS, PA, PRIPOL, SARA313, TOXICPOL, TSCA

*Distillates, petroleum, hydrotreated light (64742478 1-10%) TSCA

*Petroleum gases, liquefied, sweetened (68476868 35-45%) TSCA

REGULATORY KEY DESCRIPTIONS

CERCLA = Superfund clean up substance
CSWHS = Clean Water Act Hazardous substances
EPCRAWPC = EPCRA Water Priority Chemicals
HAP = Hazardous Air Pollutants
MASS = MA Massachusetts Hazardous Substances List
NJHS = NJ Right-to-Know Hazardous Substances
OSHA = OSHA workplace Air Contaminants
PA = PA Right-To-Know List of Hazardous Substances
PRIPOL = Clean Water Act Priority Pollutants
PROP65 = CA Prop 65
SARA313 = SARA 313 Title III Toxic Chemicals
TOXICPOL = Clean Water Act Toxic Pollutants
TOXICRCRA = RCRA Toxic Hazardous Wastes (U-List)
TXAIR = TX Air Contaminants with Health Effects Screening Level
TXHWL = TX Hazardous Waste List

TSCA = Toxic Substances Control Act

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OTHER INFORMATION

We believe the statements technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind. ** Chemical listed as Carcinogen or Potential Carcinogen. [a] NTP [b] IARC Monograph [c] OSHA [d] Not listed [e] Animal data only
N/A = Not available N/D = Not determined

END OF MSDS DOCUMENT