

Material Safety Data Sheet

acc. to ISO/DIS 11014

Printing date 08/10/2012

Revised On 08/10/2012

1 Identification of the substance and manufacturer

Trade name: ECK-T
Manufacturer/Supplier: VAN NAY
 P.O. BOX 17
 SOUTH ELGIN, IL 60177
 p.847-931-7899, www.vannay.com

General Information: Health & Safety Department
Emergency telephone number: CHEMTEL 1-800-255-3924, 813-248-0585 *if located outside the U.S.*



2 Hazards identification

Hazard Information for people and the environment: Flammable liquid and vapor. Keep away from heat, sparks, and flame. Vapors may cause flash fire.

Risk phrases: Flammable.
Irritating to eyes and respiratory system.

Safety phrases: Keep locked up and out of the reach of children.
Keep away from food, drink and animal feedingstuffs.
Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point
In case of accident or if you feel unwell, seek medical advice immediately.
Avoid exposure - obtain special instructions before use.

NFPA ratings (0 - 4): Health- 1
Fire- 2
Reactivity- 0

HMS-ratings (0 - 4): Health- 1
Flammability- 2
Reactivity- 0

3 Composition/information on ingredients

Chemical Description: This product is a mixture of the substances listed below with nonhazardous additions.

Dangerous components:

64742-95-6	Solvent naphtha (petroleum), light aromatic	48.0%
7440-66-6	zinc powder	41.6%

Additional information: For the wording of the listed risk phrases refer to section 3.

4 First aid measures

After inhalation: Supply fresh air; consult doctor in case of complaints.
After skin contact: Remove contaminated clothing. Wash exposed area with soap and water.
After eye contact: Move to fresh air. Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
After swallowing: Contact physician or poison control center.

5 Firefighting measures

Special hazards: No further relevant information available.
Protective equipment: No special measures required.

6 Accidental release measures

Personal precautions, protective equipment and emergency procedures Wear protective equipment. Keep unprotected persons away.

Environmental precautions: Inform appropriate authorities in case of seepage into water course or sewage system.
Prevent seepage into sewage system, workpits and cellars.
Do not allow product to reach sewage systems or ground water.

Methods and material for containment and cleaning up: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Ensure adequate ventilation.

7 Handling and storage

Precautions for safe handling Prevent formation of aerosols.
Fire/explosion protection: Do not smoke. Protect from electrostatic charges.
Keep respiratory protective device available.

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Do not spray on a naked flame or any incandescent material. Do not smoke. Protect from electrostatic discharges.

8 Exposure controls/personal protection

Components with limit values that require monitoring at the workplace:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Hygienic protection:

Keep away from foodstuffs and animal feed. Wash hands after use. Store protective clothing separately.

Breathing equipment:

A respirator is not needed under normal and intended conditions of product use. Use with adequate ventilation.

Hand protection:

Protective gloves. The glove material has to be impermeable and resistant to the substance. No glove recommendation can be given.

Eye protection:

Tightly sealed goggles

9 Physical and chemical properties

Odor:

Solvent

pH-value:

Not determined.

Boiling point:

162°C (324 °F)

Flash point:

40°C (104 °F)

Flammability (solid, gaseous):

Not applicable.

Auto igniting:

Product is not self-igniting.

Danger of explosion:

In use, may form flammable/explosive vapour-air mixture.

Lower Explosion Limit:

0.7 Vol %

Upper Explosion Limit:

7.5 Vol %

VOC content:

634.7 g/l / 5.30 lb/gl

VOC content (less exempt solvents):

48.1 %

Solids content:

51.9 %

Other information

No further relevant information available.

10 Stability and reactivity

Conditions to avoid:

No decomposition if used according to specifications.

Possibility of hazardous reactions:

No dangerous reactions known.

Hazardous decomposition:

No dangerous decomposition products known.

11 Toxicological information

Skin effects:

No irritant effect.

Eye effects:

Irritating effect.

Sensitization:

No sensitizing effects known.

Additional toxicological information:

Carcinogenic categories

IARC (International Agency for Research on Cancer)

None of the ingredients is listed.

NTP (National Toxicology Program)

None of the ingredients is listed.

12 Ecological information

Aquatic toxicity:

Hazardous for water, do not empty into drains.

Other information:

Product does not contain CFC's.

This product does not contain any chlorofluorocarbons (CFC's), hydrochlorofluorocarbons (HCFC's), perfluorocarbons (PFC's), or chlorinated solvents.

13 Disposal considerations

DISPOSAL METHOD: Dispose of in accordance with local, state, and federal regulations. Do not puncture, incinerate, or compact. Partially empty cans must be disposed of responsibly. Do not heat or cut empty containers with electric or gas torches.

Recommendation:

Completely empty cans should be recycled.

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14 Transport information

UN-Number UN1263
DOT Consumer Commodity ORM-D
Class 3 Flammable liquids.
Marine pollutant: Yes
 Symbol (fish and tree)
EMS Number: F-E, S-E
Packaging Group: III

15 Regulatory information

SARA Section 355 (extremely hazardous substances):

None of the ingredients in this product are listed.

SARA Section 313 (Specific toxic chemical listings):

7440-66-6 | zinc powder

TSCA: All ingredients are listed.

CPSC: This product complies with 16 CFR 1303 and does not contain more than 90 ppm of lead.

California Proposition 65 chemicals known to cause cancer:

None of the ingredients in this product are listed.

WHMIS Symbols for Canada:

B3 - Combustible liquid
 D2B - Toxic material causing other toxic effects



EPA:

7440-66-6 | zinc powder

II

IARC:

Group 2A: The ingredient is probably carcinogenic to humans.

Group 2B: The ingredient is possibly carcinogenic to humans. There is limited evidence of carcinogenicity.

Group 3: The ingredient is unclassifiable as to its carcinogenicity to humans.

ACGIH:

A1-designates a confirmed human carcinogen.

A2-designates a suspected human carcinogen.

A3-designates an animal carcinogen.

A4-designates "not classifiable as a human carcinogen".

NIOSH:

The following substances are regulated in the United States with reference to occupational exposure limits:

16 Other information

This product was manufactured in the U.S.A.

The information on this sheet is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Contact: Regulatory Affairs
 vannay@vannay.com

Abbreviations and acronyms:

GHS: Globally Harmonized System of Classification and Labelling of Chemicals
 CAS: Chemical Abstracts Service (division of the American Chemical Society)
 VOC: Volatile Organic Compounds (USA, EU)
 IMDG: International Maritime Code for Dangerous Goods
 ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)
 ISO: International Organization for Standardization
 DOT: US Department of Transportation
 NFPA: National Fire Protection Association (USA)
 HMIS: Hazardous Materials Identification System (USA)
 EPA: Environmental Protection Agency
 IARC: International Agency for the Research of Cancer
 NIOSH: National Institute for Occupational Safety and Health
 TSCA: Toxic Substances Control Act
 CPSC: Consumer Product Safety Commission