

Safety Data Sheet

Printing date 06/02/2020

Revised On 06/02/2020

1 Identification of the substance and manufacturer

Trade name: ECK-12
Product code: VE00010016
Recommended use: Paint and coatings application.
Uses advised against: Any that differs from the recommended use.
Manufacturer/Supplier: VAN NAY
P.O. BOX 17
SOUTH ELGIN, IL 60177
p.847-931-7899, www.vannay.com
1-800-255-3924

Emergency telephone number:

2 Hazard(s) identification

Classification of the substance or mixture

Flam. Aerosol 1 H222 Extremely flammable aerosol.
Press. Gas H280 Contains gas under pressure; may explode if heated.
Skin Irrit. 2 H315 Causes skin irritation.
STOT SE 3 H336 May cause drowsiness or dizziness.
STOT RE 2 H373 May cause damage to organs through prolonged or repeated exposure.

GHS Hazard pictograms



GHS02 GHS04 GHS07 GHS08

Signal word
Hazard statements

Danger
Extremely flammable aerosol.
Contains gas under pressure; may explode if heated.
Causes skin irritation.

Precautionary statements

May cause drowsiness or dizziness.
May cause damage to organs through prolonged or repeated exposure.
Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
Do not spray on an open flame or other ignition source.
Pressurized container: Do not pierce or burn, even after use.
Do not breathe dust/fume/gas/mist/vapors/spray.
Wash hands thoroughly after handling.
Use only outdoors or in a well-ventilated area.
IF INHALED: Remove person to fresh air and keep comfortable for breathing.
Call a poison center/doctor if you feel unwell.
Specific treatment (see on this label).
Take off contaminated clothing and wash it before reuse.
Store in a well-ventilated place.
Store locked up.
Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.
Dispose of contents/container in accordance with local/regional/national/international regulations.

3 Composition/information on ingredients

Chemical characterization: Mixtures

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

Dangerous components:

| | | |
|------------|---------------------------------|----------|
| 64742-95-6 | Solvent naphtha, light aromatic | 25-50% |
| 142-82-5 | heptane | ≥15-<20% |
| 74-98-6 | propane | 15-25% |
| 106-97-8 | n-butane | 5-10% |
| 637-12-7 | aluminium tristearate, pure | 5-10% |

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: Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
After swallowing: Rinse out mouth and then drink plenty of water.
Rinse mouth with water. Do not induce vomiting.

Most important symptoms and effects: Dizziness

Indication of any immediate medical attention needed: No further relevant information available.

5 Fire-fighting measures

Extinguishing agents: CO₂, extinguishing powder or water spray. Fight larger fires with water spray.
Special hazards: Can form explosive gas-air mixtures.

(Contd. on page 2)

Safety Data Sheet

Printing date 06/02/2020

Revised On 06/02/2020

Trade name: ECK-12

(Contd. of page 1)

Protective equipment for firefighters:

A respiratory protective device may be necessary.

6 Accidental release measures**Personal precautions, protective equipment and emergency procedures:**Wear protective equipment. Keep unprotected persons away.
Use respiratory protective device against the effects of fumes/dust/aerosol.**Methods and material for containment and cleaning up:**

Ensure adequate ventilation.

7 Handling and storage**Precautions for safe handling
Storage requirements:**Use only in well ventilated areas.
Keep away from sources of heat and direct sunlight. Do not warehouse in subfreezing conditions.
Store locked up.**8 Exposure controls/personal protection****Components with limit values that require monitoring at the workplace:****142-82-5 heptane**

| | |
|-----------|---|
| PEL (USA) | Long-term value: 2000 mg/m ³ , 500 ppm |
| REL (USA) | Long-term value: 350 mg/m ³ , 85 ppm Ceiling limit value: 1800* mg/m ³ , 440* ppm *15-min |
| TLV (USA) | Short-term value: 2050 mg/m ³ , 500 ppm Long-term value: 1640 mg/m ³ , 400 ppm |

74-98-6 propane

| | |
|-----------|--|
| PEL (USA) | Long-term value: 1800 mg/m ³ , 1000 ppm |
| REL (USA) | Long-term value: 1800 mg/m ³ , 1000 ppm |
| TLV (USA) | refer to Appendix F in TLVs&BEIs book; D, EX |

106-97-8 n-butane

| | |
|-----------|---|
| REL (USA) | Long-term value: 1900 mg/m ³ , 800 ppm |
| TLV (USA) | Short-term value: 2370 mg/m ³ , 1000 ppm (EX) |

637-12-7 aluminium tristearate, pure

| | |
|-----------|---|
| REL (USA) | Long-term value: 2 mg/m ³ as Al |
| TLV (USA) | Long-term value: 1* mg/m ³ as Al; *as respirable fraction |

Hygienic protection:Keep away from foodstuffs and animal feed. Wash hands after use.
Immediately remove all soiled and contaminated clothing.
Wash hands after use.
Avoid contact with the eyes and skin.
Do not eat or drink while working.**Breathing equipment:**

A respirator is generally not necessary when using this product outdoors or in large open areas. In cases where short and/or long term overexposure exists, a charcoal filter respirator should be worn. If you suspect overexposure conditions exist, please consult an authority on chemical hygiene.

Hand protection:

Nitrile gloves.

Eye protection:The glove material must be impermeable and resistant to the substance.
Tightly sealed goggles**9 Physical and chemical properties****Appearance:**

Aerosol.

Odor threshold:

Not determined.

pH-value:

Not determined.

Melting point/Melting range

Undetermined.

Boiling point:

-44 °C (-47.2 °F)

Flash point:

-19 °C (-2.2 °F)

Flammability (solid, gas):

Extremely flammable.

Decomposition temperature:

Not determined.

Auto igniting:

Product is not self-igniting.

Danger of explosion:Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C, i.e. electric lights. Do not pierce or burn, even after use.
In use, may form flammable/explosive vapour-air mixture.**Lower Explosion Limit:**

0.7 Vol %

(Contd. on page 3)

Safety Data Sheet

Printing date 06/02/2020

Revised On 06/02/2020

Trade name: ECK-12

(Contd. of page 2)

| | |
|--|---|
| Upper Explosion Limit: | 10.9 Vol % |
| Vapor pressure at 20 °C (68 °F): | 8,300 hPa (6.200 mm Hg) |
| Relative Density: | Between 0.77 and 0.85 (Water equals 1.00) |
| Vapor density: | Not determined. |
| Evaporation rate: | Not applicable. |
| Partition coefficient: n-octonal/water: | Not determined. |
| Solubility: | Not determined. |
| Viscosity: | Not determined. |

10 Stability and reactivity

| | |
|--|--|
| Reactivity: | Stable at normal temperatures. |
| Conditions to avoid: | Do not allow can to exceed 120 degrees Fahrenheit. Do not warehouse in subfreezing temperatures. |
| Chemical stability: | Not fully evaluated. |
| Possibility of hazardous reactions: | No dangerous reactions known. |
| Incompatible materials: | No further relevant information available. |
| Hazardous decomposition: | No dangerous decomposition products known. |

11 Toxicological information

| | |
|--|-------------------------------|
| Information on toxicological effects: | No data available. |
| Skin effects: | No irritant effect. |
| Eye effects: | Irritating effect. |
| Sensitization: | No sensitizing effects known. |

12 Ecological information

| | |
|---------------------------------------|---|
| Aquatic toxicity: | Hazardous for water, do not empty into drains. |
| Persistence and degradability: | The product is degradable after prolonged exposure to natural weathering processes. |
| Other information: | Product does not contain CFC's. This product does not contain any chlorofluorocarbons (CFC's), hydrochlorofluorocarbons (HCFC's), perfluorocarbons (PFC's), heavy metals (chromium, lead, cadmium), or chlorinated solvents. |
| Bioaccumulative potential: | No further relevant information available. |
| Mobility in soil: | No further relevant information available. |
| Ecotoxicological effects: | |
| Remark: | Toxic for fish |
| Other adverse effects: | No further relevant information available. |

13 Disposal considerations

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.

14 Transport information

| | |
|--------------------------------------|--|
| UN-Number | UN1950 |
| DOT | N/A |
| DOT | UN1950 |
| ADR | Consumer Commodity ORM-D |
| Transport hazard class(es): | Aerosols, flammable |
| Class | 1950 Aerosols, ENVIRONMENTALLY HAZARDOUS |
| Marine pollutant: | 2.1 |
| Special precautions for user: | Yes |
| EMS Number: | Symbol (fish and tree) |
| Packaging Group: | Warning: Gases |
| UN "Model Regulation": | F-D,S-U |
| | -- |
| | UN1950, Aerosols, ENVIRONMENTALLY HAZARDOUS, 2.1 |

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

Toxic Substances Control Act (TSCA):

All hazardous ingredients are found on the inventory list of substances.

(Contd. on page 4)

Safety Data Sheet

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(Contd. of page 3)

Canadian Domestic Substances List (DSL):

All ingredients are listed or exempted.

Consumer Product Safety Commission (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.

Prop 65 chemicals known to cause birth defects or reproductive harm:

None of the ingredients is listed.

EPA:

7440-66-6 zinc powder

D, I, II

142-82-5 heptane

D

Information about limitation of use: Workers are not allowed to be exposed to the hazardous carcinogenic materials contained in this preparation. Exceptions can be made by the authorities in certain cases.

16 Other information

Contact: Regulatory Affairs