

Redesign With Prima® 5564 Edison Ave. Chino CA 91710

Redesign Wax Paste - Eternal, Element, Meteor Showers

Version number: 1.

Safety Data Sheet according to Regulation (EC) No 830/2015

Date of Compilation/Revision: 21.11.2017./ 13.04.2018.

SECTION 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifiers: Redesign Wax Paste - Eternal, Element, Meteor Showers

Type of substance: CLP Mixture

1.2 Relevant identified uses of the substance or mixture and uses advised against:

Metallic Wax Paste for hobby of adults.

SECTION 2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture: Classification according to Regulation (EC) No 1272/2008

Acute Tox. 4; H302 Harmful if swallowed

Asp. Tox. 1; H304 May be fatal if swallowed and enters airways.

Flam. Liq. 3; H226 Flammable liquid and vapour

Skin Irrit. 2; H315 Causes skin irritation.

Skin Sens. 1; H317 May cause an allergic skin reaction.

Aquatic Acute 1 H400 Very toxic to aquatic life

Aquatic Chronic 2 H411 Toxic to aquatic life with long lasting effects

2.2. Label elements:

Labelling according to Regulation (EC) No 1272/2008

Hazard pictograms:



Signal Word: Danger

Hazard Statements:

H226 Flammable liquid and vapour

H302 Harmful if swallowed

H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H400 Very toxic to aquatic life

H411 Toxic to aquatic life with long lasting effects
EUH066 Repeated exposure may cause skin dryness or cracking

Precautionary Statements

P102 Keep out of reach of children
P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P273 Avoid release to the environment.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P303+361+353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing.
Rinse skin with water/shower.
P331 Do NOT induce vomiting.

Hazardous components which must be listed on the label:

Naphtha (petroleum), hydrotreated heavy (< 0,1 % benzol CAS nr. 71-43-2)
orange terpene (d-limonen)
copper powder
zinc powder (stabilized)

2.3 Other hazards:

Not known
The ingredients are not PBR or vPvB substances.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixture:

The details below includes all impurities and by-products that contribute to the product classification or that have an occupational exposure limits.

Hazardous Substance(s): Naphtha (petroleum), hydrotreated heavy (< 0,1 % benzol CAS nr. 71-43-2)

concentration: 15-30 %

EC-No.: 265-150-3

CAS-No.: 64742-48-9

Index-No. : 649-327-00-6

Classification according to Regulation (EC) No 1272/2008 : EUH066, Asp. Tox. 1 H304,
Registration number : 01-2119457273-39-XXXX

Hazardous Substance(s): orange terpene (d-limonen)

concentration: 5-15%

EC-No.: 232-433-8

CAS-No.: 8028-48-6

Classification according to Regulation (EC) No 1272/2008: Flam. Liq. 3 H226, Skin Irrit. 2 H315,
Skin Sens. 1 H317, Asp. Tox. 1 H304, Aquatic Chronic 2 H411
Registration number : 01-2119493353-35-0003

Hazardous Substance(s): Zinc powder (stabilized)

concentration: 9-20 %

EC-No.: 231-175-3

CAS-No.: 7440-66-6

Classification according to Regulation (EC) No 1272/2008 : Flam. Sol. 1 H228, Aquatic Acute 1
H400, Aquatic Chronic 1 H410
Registration number : 01-2119467174-37

Hazardous Substance(s): Copper powder

concentration: 9-50 %

EC-No.: 231-159-6

CAS-No.: 7440-50-8

Classification according to Regulation (EC) No 1272/2008 : Aquatic Acute 1 H400 (M=10), Aquatic
Chronic 2 H411, Acute Tox. 4 H302
Registration number : 01-2119480154-42

Refer to Section 16 for full details of te hazard statements and Notas.

SECTION 4. FIRST AID MEASURES

4.1 Description of necessary first-aid measures:

General advise:

Take off all contaminated clothing immediately.

Inhalation:

Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, administer artificial respiration. Seek medical treatment in case of troubles.

Eye contact:

Remove contact lenses, irrigate copiously with clean, fresh water for at least 15 minutes, holding the eyelids apart and seek medical advice.

Skin contact:

Remove contaminated clothing. Wash skin thoroughly with soap and water. When symptoms persist, seek medical attention.

Ingestion:

If accidentally swallowed obtain immediate medical attention. Keep at rest. Do **NOT** induce vomiting.

4.2 Most important symptoms and effects, both acute and delayed:

Harmful if swallowed

May be fatal if swallowed and enters airways.

Causes skin irritation.

May cause an allergic skin reaction.

Repeated exposure may cause skin dryness or cracking

4.3 Indication of immediate medical attention and special treatment needed:

Treat symptomatically.

SECTION 5. FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media

Waterspray, foam, CO₂, powders

Not to be used : High power water jet.

5.2 Special hazards arising from the substance or mixture

Carbon dioxide, carbon monoxide, carbon hydrides.

Cool closed containers exposed to fire with water. Do not allow run-off from fire fighting to enter drains or water courses. You have to dispose of contaminated extinguishing water according to the regulations of the authorities.

5.3 Advice for firefighters

Wear self-contained breathing apparatus and protective clothing.

SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Avoid open flames. Provide good ventilation of working area. Avoid breathing dust / fume / gas / mist / vapors / spray.

6.2 Environmental precautions

Do not allow to enter drains or watercourses.

6.3 Methods and materials for containment and cleaning up

Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, universal binders and place in container for disposal according to local regulations (see section 13). Provide adequate ventilation.

6.4 Reference to other sections

For personal protection see section 8.

For disposal see section 13.

SECTION 7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Provide adequate ventilation. Avoid contact with eyes, skin, clothing. Do not inhale vapours..

Precautions against fire and explosion:

Avoid open flames. Keep away from sources of ignition. - No smoking.
Take precautionary measures against static discharge.

7.2 Conditions for safe storage, including any incompatibilities

Store in well-filled containers, protected from light. Keep container dry.
Keep container tightly closed in a cool, well-ventilated place.
Keep only in the original container. Keep away from oxidizing agents.

7.3 Specific end uses

See section 1.2

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Components with workplace control parameters

Contains no substances with occupational exposure limit values.

**Derived No Effect Level (DNEL)/Derived Minimal Effect Level (DMEL)
orange terpene (d-limonen) CAS: 8028-48-6**

DNEL: Workers, Long-term- systemic effects, Skin contact 8,89 mg/kg bw/day
DNEL: Workers, Short-term-local, Skin contact 185,8 microg/cm²
DNEL: Workers, Long-term- systemic effects, Inhalation 31,1 mg/m³
DNEL: Consumers, Long-term- systemic effects, Ingestion 4,44 mg/kg bw/day
DNEL: Consumers, Long-term-systemic effects, Oral 4,44 mg/kg bw/day
DNEL: Consumers, Long-term- systemic effects, Inhalation 7,78 mg/m³.
DNEL: Consumers, Short-term local, Skin contact 92,9 microg/cm².

**Derived No Effect Level (DNEL)/Derived Minimal Effect Level (DMEL)
Copper powder CAS: 7440-50-8**

DNEL: Costumer, Long-term - systemic effects, oral 0,041 mg/kg bw/day
DNEL: Costumer, Short-term - systemic effects, oral 0,082 mg/kg bw/day

**Derived No Effect Level (DNEL)/Derived Minimal Effect Level (DMEL)
Zink powder (stabilized) CAS: 7440-66-6**

DNEL: Consumers, oral 50 mg/day
DNEL: Consumers, Skin 500 mg/day
DNEL: Consumers, Inhalation 1,3 mg/m³
DNEL: Workers, Inhalation 1 mg/m³

**Predicted No Effect Concentration (PNEC)
orange terpene (d-limonen) CAS: 8028-48-6**

Fresh water: 5,4 microg/l
Marine water: 0,54 microg/l
Intermediate release: 5,77 microg/l.
Sewage treatment plant (STP): 2,1 mg/l
Sediment (Fresh water) Related to, dry weight: 1,3 mg/kg
Sediment (Marine water) Related to, dry weight: 0,13 mg/kg
Soil Related to, dry weight: 0,261 mg/kg

**Predicted No Effect Concentration (PNEC)
Copper powder CAS: 7440-50-8**

Fresh water: 7,8 microgr/l
Marine water: 5,2 microgr/l
Sewage treatment plant (STP): 230 microgr/l
Sediment (Fresh water) Related to, dry weight: 87 mg/kg
Sediment (Marine water) Related to, dry weight: 676 mg/kg
Soil Related to, dry weight: 65,5 mg/kg

**Predicted No Effect Concentration (PNEC)
Zink powder (stabilized) CAS: 7440-66-6**

Fresh water: 20,6 microgr/l

Sewage treatment plant (STP): 52 microgr/l
Sediment (Fresh water) Related to, dry weight: 117,8 mg/kg
Sediment (Marine water) Related to, dry weight: 56,5 mg/kg
Soil Related to, dry weight: 35,6 mg/kg

8.2 Exposure controls

Appropriate engineering controls

Provide adequate ventilation. Do not inhale vapors.

General protective and hygienic measures:

Wash hands before breaks and after work.

Keep away from foodstuffs, beverages and feed.

Personal protective equipment

Eye/face protection

Tightly sealed safety glasses according to EN 166.

Skin protection

Protective gloves according to EN 374.

Wear chemical-resistant gloves, footwear, and protective clothing appropriate for the risk of exposure.

Material of gloves nitrile rubber, breakthrough time > 480 minute, thickness:: 0,11 mm

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed. If gloves show signs of aging, it should be replaced immediately.

Body Protection

Protective clothing according to EN ISO 20345: it will be resistant against solvents.

Respiratory protection

It is not necessary in case of adequate ventilation.

Environmental exposure controls

Do not flush into surface water or sanitary sewer system.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

(a) Appearance: paste, colour: depends on pigments

(b) Odour: mild, fruity

(c) Odour threshold: not determined

(d) pH: not determined

(e) Melting point/freezing point: not determined

(f) Initial boiling point and boiling range: > 180 C (Naphtha (petroleum), hydrotreated heavy)

(g) Flash point: not determined, 53.4 C (orange terpene), > 61 C (Naphtha (petroleum), hydrotreated heavy)

(h) Evaporation rate: not determined

(i) Flammability (solid, gas): not determined

(j) Upper/lower flammability or explosive limits: not determined

(k) Vapour pressure: not determined

(l) Vapour density: not determined

(m) Relative density: 0.8-0.9 g/cm³

(n) Solubility(ies): insoluble in water

(o) Partition coefficient: n-octanol/water: not determined

(p) Auto-ignition temperature: not determined

(q) Decomposition temperature: not determined

(r) Viscosity: not determined

(s) Explosive properties: Product is not explosive

(t) Oxidising properties. no data

(u) Ignition temperature: > 200 C (judge by components)

9.2 Other information

No data available

SECTION 10. STABILITY AND REACTIVITY

10.1 Reactivity

No hazardous reactions can be expected under normal handling and storage

10.2 Chemical stability

Stable under recommended storage and handling conditions (see section 7).

10.3 Possibility of hazardous reactions

No dangerous reaction in normal use.

10.4 Conditions to avoid

Heat, sparks, ignition sources

10.5 Incompatible materials

Strong acids, alkalis, oxidizing agents.

10.6 Hazardous decomposition products

When exposed to high temperatures may produce hazardous decomposition products such as carbon monoxide and dioxide, carbon hydrides.

SECTION 11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

(a) Acute toxicity:

Product:

Harmful if swallowed

(b) Skin corrosion/irritation

Causes skin irritation

(c) Serious eye damage/eye irritation

Based on available data, the classification criteria are not met

(d) Respiratory or skin sensitization

May cause an allergic skin reaction

(e) Germ cell mutagenicity

Based on available data, the classification criteria are not met

(f) Carcinogenicity

Based on available data, the classification criteria are not met

(g) Reproductive toxicity

Based on available data, the classification criteria are not met

(h) Specific target organ toxicity - single exposure

Based on available data, the classification criteria are not met

(i) Specific target organ toxicity - repeated exposure

Based on available data, the classification criteria are not met

(j) Aspiration hazard

May be fatal if swallowed and enters airways

Other informations:

Components

64742-48-9 Naphtha (petroleum), hydrotreated heavy:

Acute toxicity: LD50 (oral, rat): > 5000 mg/kg

LD50 (dermal, rabbit): > 3000 mg/kg

8028-48-6 Orange terpene:

Acute toxicity: LD50 (oral, rat): > 5000 mg/kg

LD50 (dermal, rabbit): > 5000 mg/kg

7440-66-6 cinkpor stabilizált:

LD50 (oral, rat): >2000 mg/kg

SECTION 12. ECOLOGICAL INFORMATION

12.1 Toxicity

There are no data available on the preparation itself..

Based on available data and CLP classification Aquatic Acute 1 H400 Very toxic to aquatic life , Aquatic Chronic 2 H411 Toxic to aquatic life with long lasting effects

Components:

Orange terpene:

EC50 (Desmodesmus subspicatus, 72 h): 150 mg/l (OECD201).

EC50 (Daphnia magna, 48 h): 0,67 mg/l (OECD 202,limonén).

LC50 (Pimephales promelas/fürge cselle, 96 h): 0,7 mg/l(OECD 203).
Do not allow to contaminate the soil, the water systems or the channels
Toxic to aquatic life with long lasting damage

12.2 Persistence and degradability

Components:

Naphtha (petroleum), hydrotreated heavy:

The product is difficultly biodegradable

Orange terpene:

Readily biodegradable, 72-83,4 % (28 days, OECD 301 B).

12.3 Bioaccumulative potential

Components:

Orange terpene:

log BKF: 1,502-2,597.

Bioconcentration factor, BCF: 32-156.

12.4 Mobility in soil

No further relevant information available.

12.5 Results of PBT and vPvB assessment

The ingredients are not PBR or vPvB substances.

12.6 Other adverse effects

No further relevant information available.

Additional ecological information:

General notes:

Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water

Do not allow product to reach ground water, water course or sewage system.

Danger to drinking water if even small quantities leak into the ground.

Harmful to aquatic organisms

SECTION 13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Do not allow into drains or water courses.

Wastes and emptied containers should be disposed of in accordance with local regulations.

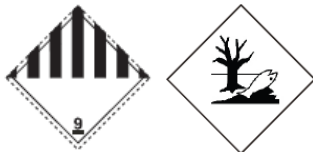
SECTION 14. TRANSPORT INFORMATION

14.1. UN number: 3082

14.2. UN proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (contains zinc powder, stabilized, copper powder)

14.3. Transport hazard class(es): 9

- Classification code: M6



- Labels: 9

- Transport category (1.1.3.6): 3

- Tunnel restriction code:

- Limited quantity: 5L -

14.4. Packing group: III

14.5. Environmental hazards: Yes. Category Acute 1, Category Chronic 2

14.6. Special precautions for user: 274, 335, 375*, 601

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code:

Not applicable to the product being shipped.

Note: 375* These substances when carried in single or combination packagings containing a net quantity per single or inner packaging of 5 l or less for liquids, are not subject to any other provisions of ADR provided the packagings meet the general provisions of 4.1.1.1, 4.1.1.2 and 4.1.1.4 to 4.1.1.8.

SECTION 15. REGULATORY INFORMATION

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

According to the local regulation.

15.2 Chemical Safety Assessment

Chemical safety assessment has not been carried out.

SECTION 16. OTHER INFORMATION

The classification was carried out according to the following method: 1272/2008/EU Regulation:

Classification and justification

Flam. Liq. 3, H226 estimated value
Acute Tox. 4: H302 calculation method
Asp. Tox. 1; H304 calculation method
Aquatic Chronic 2; H411 calculation method
Skin Irrit. 2; H315 calculation method.
Skin Sens. 1; H317 calculation method
Aquatic Acute 1: H400 calculation method
Aquatic Chronic 2: H411 calculation method

Data Sources:

The previously-classified hazardous materials list
Internet database of chemical substances
Safety data sheets of components

LIST OF RELEVANT H-PHRASES IN SECTION 3

H-Phrases

H226 Flammable liquid and vapour
H228 Flammable solid.
H302 Harmful if swallowed
H304 May be fatal if swallowed and enters airways
H315 Causes skin irritation
H317 May cause an allergic skin reaction
H400 Very toxic to aquatic life
H410 Very toxic to aquatic life with long lasting effects
H411 Toxic to aquatic life with long lasting effects

Abbreviations:

Acute Tox. 4 Acute Toxicity, Category 4
Aquatic Acute 1, Aquatic Acute Category 1
Aquatic Chronic 1, Aquatic Chronic Category 1
Aquatic Chronic 2, Aquatic Chronic Category 2
Asp. Tox. 1 Aspiration Toxicity, Category 1
Flam. liq. 3 Flammable Liquid, Category 3
Flam. Sol. 1 Flammable Solid, Category 1
Skin Irrit. 2 Skin Irritation, Category 2
Skin Sens. 1 Skin sensitization, Category 1

SCL: Specific Concentration limit
EK / EU European community/European union
EGK European Economic Community
DNEL Derived No Effect Level

PNEC Predicted No Effect Concentration
CLP Regulation on Classification, Labelling and Packaging of Substances and Mixtures /
CAS Chemical Abstracts Service
UN / ENSZ United Nations
ADN Accord européen relatif au transport international des marchandises dangereuses par voie de navigation intérieure
ADR Accord européen relatif au transport international des marchandises Dangereuses par Route
RID Règlement international concernant le transport des marchandises dangereuses par chemin de fer
IMDG International Maritime Code for Gangerous Goods
MARPOL International Convention for the Prevention of Pollution From Ships
IBC Intermediate Bulk Container
IATA International Air Transport Association
ICAO International Civil Aviation Organization
PBT Persistent, Bioaccumulative, Toxic
vPvB very Persistent, very Bioaccumulative

This product Safety Data Sheet provides health, safety, and regulatory information. The information contained in this Safety Data Sheet is based on data available to us at the date of issue , and is provided in good faith, and believed to be accurate and reliable at the date of issue, however, no warranty, express or implied is provided. The product is to be used in applications consistent. For any other uses, exposures should be evaluated so that the appropriate handling practices and training programs can be established to ensure safe working conditions and operations. It is the buyer's/user's responsibility to satisfy itself that the product is suitable for the intended use, and to ensure that its activities comply with all federal, state, provincial, or local laws and regulations. Regulatory requirements are subject to change and may differ between European Member States and Nations. Individuals handling this product should be informed of the recommended safety precautions and should have access to this information.