

Material Safety Data Sheet NoFire LP1

1. Identification of the substance/preparation and company/undertaking

| | |
|--------------|---|
| Product no. | LP1 |
| Produce name | NoFire LP1 |
| Manufacturer | NoFire Technologies 5 James Street • South Hackensack • New Jersey 07606 Tel: 201-818-1616 • Fax: 201-818-8775 E-mail: nofire@nofire.net Web Site: http://www.nofire.net |
| Product use | Paint, Coating – Fire retardant |
| Issue Date | January 14, 2019 |

2. Composition/Information on ingredients

Substance/preparation

There are no hazardous or dangerous substances according to Directive 1999/45/EC and its amendments

| <u>Component</u> | <u>CAS number</u> | <u>% by weight</u> |
|--------------------|-------------------|--------------------|
| Ammonium Phosphate | 68333-79-9 | 5 – 10 |
| Titanium Dioxide | 13463677 | 2 – 5 |
| DiPentaerythritol | 126-58-9 | 2 – 5 |

3. Hazards identification

The preparation is classified as not dangerous according to Directive 1999/45/EC and its amendments

| | |
|---------------------------|---|
| Classification | Not dangerous |
| Physical/chemical hazards | Not flammable |
| Human health hazards | Acute Hypersensitive Individuals may experience some skin sensitization or irritation or eye irritation. No known medical conditions prone to aggravation by exposure |
| Environmental hazards | Non-toxic to aquatic organisms, animals |

4. First-aid measures

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|--------------|--|
| Inhalation | Inhalation not hazardous or irritating |
| Ingestion | Drink 1-2 glasses of water to dilute. Do not induce vomiting. Consult Physician immediately. |
| Skin contact | Wash with soap and water |
| Eye contact | Flush with water. Seek medical attention |

5. Fire-fighting measures

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|----------------------------------|---------------|
| Flammability Classification | Not flammable |
| Special Fire Fighting Procedures | N/A |

6. Accidental release measures

| | |
|---------------------------|--|
| Personal precautions | Wear gloves and dust mask |
| Environmental precautions | Contain spill and collect in a container. Flush with water. Avoid disposal in soil, waterways, sewer. |

Methods for cleaning up

Dilute and flush with water.

7. Handling and storage

Handling

Use gloves and dust mask. Use with adequate ventilation

Storage

Store containers between 40 degF and 100 degF. Protect from atmospheric moisture and water. Storage Stability: 12 months minimum

8. Exposure controls/personal protection

Occupational exposure limits

Ingredient name

Airborne particles – ACGIH TIV

Titanium Dioxide

10 mg/M³

DiPentaerythritol

5 mg/M³

Occupational exposure

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations below occupational exposure limits

Respiratory protection

Wear appropriate respirator when ventilation is inadequate. Respirator with airborne dust cartridge

Hand protection

Latex gloves should be worn

Eye protection

Safety glasses or goggles

Skin protection

Protective clothing

9. Physical and chemical properties

Appearance

Liquid (white or tinted)

pH

7.5 – 8.5

Flash point

N/A

Vapour pressure

N/A

Solubility

Soluble in water

Evaporation rate

Slower than Ether

Auto ignition temperature

N/A

Odor

Ordinary paint

Boiling point

> 212 degF

Oxidizing properties

N/A

Relative density

1.25 g/cm³

Vapour density

N/A

Octanol/water partition coefficient

N/A

Melting point

N/A

10. Stability and reactivity

Stability

Product is stable

Conditions to avoid

Not combustible

Materials to avoid

Not reactive; chemically neutral

Hazardous decomposition products

CO₂

11. Toxicological Information

Potential acute health affects Inhalation

No known hazards

Ingestion

May irritate stomach

Skin contact

May irritate hypersensitive skin

Eye contact

May irritate sensitive eyes

Acute toxicity

No toxic products

Acute oral toxicity (LD50)

Greater than 2000 mg/kg

Irritation effect on skin

Slight irritant

Duration of exposure

24 hours

Irritant effect on eyes

Slight irritant

Duration of exposure

24 hours

Potential chronic health effects

Chronic toxicity

Carcinogenicity

No known carcinogens

Mutagenicity

No known materials which may cause genetic effects

Reproductive toxicity

No known effects or critical hazards

Over-exposure signs/symptoms

Inhalation

May cause dizziness, headache

Ingestion

No known data

Skin

May cause slight irritation

Eyes

May cause redness

Additional information

No components of this material are listed as carcinogens by OSHA, NTP, ACGIH, or IARC.

12. Ecological Information

Environmental effects

Non-toxic to aquatic organisms, or animals

Aquatic ecotoxicity

Test

LC50 > 100 mg/liter 96 hours

Other ecological information

Biodegradability

Not biodegradable

Mobility

Do not allow to enter drains or watercourses.

13. Disposal considerations

Methods of disposal

Avoid disposal of material and runoff and contact with soil, waterways, drains and sewer. Disposal of this product should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

Hazardous waste

Non hazardous waste

14. Transport information

International transport regulations

UN number

N/A – Not hazardous

Proper shipping name

Latex paint

Class

55

Can be delivered by within IATA regulations

15. Regulatory Information

EU regulations

Hazard symbol

N/A – not hazardous

| | |
|---|--|
| Risk phrases | R43 – may cause sensitisation by skin contact |
| Safety phrases | S28 – after contact with skin, wash immediately with plenty of soap and water. S29 – do not empty into drains S36/37/39 – wear suitable protective clothing, gloves and eye/face protection. |
| Product use | Classification and labeling have been determined according to EU Directives 67/548/EEC and 1999/45/EC (including amendments) and take into account the intended product use. - Consumer application |
| Product is non-hazardous according to OSHA Hazard Communication Standard 190.1200 This product is non-hazardous according to EU Regulation 67/548/EEC – 88/379/EEC | |

16. Other information

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| Date of Issue | 14/01/2019 |
| Date of previous issue | N/A |
| Revision comments | Section 8, 11, 12 |
| Full test of R-phrases referred to In sections 2 and 3 | R36 irritating to eyes R38 irritating to skin R67 vapours may cause drowsiness and dizziness |
| Further information | Conforms to EU Directive 91/155/EEC, as amended by 2001/58/EC |

Notice to reader

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