

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

- **Product details**
- **Trade name:** Hi Flow Black Poly Primer
- **Application of the substance / the preparation** Powder application by electrostatic Spraying
- **Manufacturer/Supplier:**

Wheelpaints
Address

Tel.: +44

Fax.: +44

e-mail: sales@wheelpaints.co.uk

www.wheelpaints.co.uk

- **Further information obtainable from:** Laboratory

2 Hazards identification

- **Hazard description:**

Xn Harmful

- **Information concerning particular hazards for human and environment:**

The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

Xi, Irritant

N, Environmental

- **Classification system:**

The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

May cause sensitisation by skin contact, May cause long-term adverse effects in the aquatic environment, this product is not classified as dangerous according to the Chemicals regulations 1993.

3 Composition/information on ingredients

- **Chemical characterisation**

- **Description:** Mixture of substances listed below with non hazardous additions.

CAS: 7237-83-4 EINECS: 203-313-2	Trimellitic Acid Trigylester	XI, N 36/38-43-51/53	1-5%
CAS: 7195-44-0 EINECS:	Terephthalic Acid Trigylester	XI, N 36/38-43-51/53	1-5%
CAS: EINECS:	Acrlyates	Xi, 36/37/38	1-5%
CAS: 149-30-4 EINECS:	Mercaptobenzothiazole	XI, N 43-50/53	0-1%
CAS: 100-41-4 EINECS: 105-60-2	Caprolactam	Xn,XI, 20/22-36/37/38	0-1%

- **Additional information:** For the wording of the listed risk phrases refer to section 16.

4 First aid measures

- **General information:**

In cases of doubt or when symptoms persist seek medical attention. Never give anything by mouth to an

unconscious person.

· **After inhalation:**

Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.

In case of unconsciousness place patient stably in side position for transportation.

· **After skin contact:** Remove contaminated clothing, wash skin thoroughly with soap and water, do not use solvents of thinners.

· **After eye contact:**

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

· **After swallowing:** if irritation or symptoms persist consult a doctor.

5 Fire-fighting measures

· **Suitable extinguishing agents:** Alcohol resistant foam, Dry extinguishing powder. Do not use water.

· **For safety reasons unsuitable extinguishing agents:** Water with full jet

· **Protective equipment:** Mouth respiratory protective device.

6 Accidental release measures

· **Person-related safety precautions:** Wear protective equipment. Keep unprotected persons away.

· **Measures for environmental protection:**

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

Inform respective authorities in case of seepage into water course or sewage system.

Do not allow to enter sewers/ surface or ground water.

· **Measures for cleaning/collecting:**

Exclude sources of ignition and ventilate the area of all non essential personal, avoid breathing dust wear suitable personal protective equipment ie dust masks & gloves collect spillages with suitable electrically protected vacuum equipment.

Dispose contaminated material as waste according to item 13.

Ensure adequate ventilation.

Do not flush with water or aqueous cleansing agents

7 Handling and storage

· **Handling:**

· **Information for safe handling:**

Ensure good ventilation/exhaustion at the workplace.

· **Information about fire - and explosion protection:**

Keep away from ignition source / Do not smoke, protect against electrostatic charges.

· **Storage:**

· **Requirements to be met by storerooms and receptacles:** Store between 5 & 25c in dry ventilated area away from heat source, ignition and sunlight

· **Information about storage in one common storage facility:** Store away from foodstuffs.

· **Further information about storage conditions:** Keep container tightly sealed.

8 Exposure controls/personal protection

· **Ingredients with limit values that require monitoring at the workplace:**

Caprolactam

WEL)	Short-term value: 23 mg/m ³ , 5 ppm Long-term value: 47 mg/m ³ , 10 ppm
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· **Additional information:** The lists valid during the making were used as basis.

· **Personal protective equipment:**

· **General protective and hygienic measures:**

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work.

Avoid contact with the eyes.

Avoid contact with the eyes and skin.

- **Respiratory protection:**
In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.
- **Protection of hands:**
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
- **Material of gloves**
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. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
- **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.
- **Eye protection:**
Tightly sealed goggles

9 Physical and chemical properties

· General Information

Form: powder

Colour: According to product specification

Odour: Characteristic

· Change in condition

Melting point/Melting range: Undetermined.

· **Flash point:** 55°C

· **Self-igniting:** Product is not self igniting.

· **Danger of explosion:** Product is not explosive.

· Explosion limits:

0.003% Vol %

· **Vapour pressure:** Heavier than Air

· **Density/ Secific Gravity:** 1.4-1.6 method :calculation

· Solubility in / Miscibility with water:

Immiscible

· Solvent content:

VOC (EC) 0Kgs/t

10 Stability and reactivity

· **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.

· **Dangerous reactions** Keep away from oxidising agents and strong Acidic/ Alkaline materials to prevent exothermic reactions.

· **Dangerous decomposition products:** In fire products such as smoke, carbon monoxide, carbon dioxides of nitrogen may be produced

11 Toxicological information

· **There is no data available on the product itself.**

<ul style="list-style-type: none"> · Primary irritant effect: · on the skin: Coating Powders can cause localised skin irritant effect. · on the eye: Irritating effect. · Sensitization: Merrcaptobenzothiazoles and their salts are classified as skin sensitisers. Suitable protective protection is advised. · Additional toxicological information: The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version: <p>Irritant</p>
<h2 style="color: blue;">12 Ecological information</h2>
<ul style="list-style-type: none"> · 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. Terephthalic acid diglycidylester:- not readily biodegradable Toxicity to fish LC Carp 8.8mg/l 96h.Toxicity to Daphnia EC50 81mg/l 48h
<h2 style="color: blue;">13 Disposal considerations</h2>
<ul style="list-style-type: none"> · Product: · Recommendation · Do not allow product to reach sewage system. Emptied containers are controlled wastes and should be disposed of in accordance with regulations made under the Environmental Protection Act
<ul style="list-style-type: none"> · Uncleaned packaging: · Recommendation: Disposal must be made according to Special waste regulations.
<h2 style="color: blue;">Transport information</h2>
<ul style="list-style-type: none"> · Land transport ADR/RID (cross-border) · ADR/RID class:Not classed as Hazardous.for transportation · Danger code (Kemler): Not classed as Hazardous.for transportation · UN-Number: Not classed as Hazardous.for transportation · Packaging group: Not classed as Hazardous.for transportation · Hazard label: · Description of goods: Not classed as Hazardous.for transportation · Remarks:- Not classed as Hazardous.for transportation · Maritime transport IMDG: Not classed as Hazardous.for transportation · IMDG Class: Not classed as Hazardous.for transportation · UN Number: Not classed as Hazardous.for transportation · Label Not classed as Hazardous.for transportation · Packaging group: Not classed as Hazardous.for transportation · EMS Number: Not classed as Hazardous.for transportation · Marine pollutant: Not classed as Hazardous.for transportation · Proper shipping name: Not classed as Hazardous.for transportation · Remarks: - Not classed as Hazardous.for transportation
<ul style="list-style-type: none"> · Air transport ICAO-TI and IATA-DGR: · ICAO/IATA Class: Not classed as Hazardous.for transportation · UN/ID Number: · Not classed as Hazardous.for transportation · Label Not classed as Hazardous.for transportation · Packaging group: Not classed as Hazardous.for transportation · Proper shipping name: Not classed as Hazardous.for transportation

15 Regulatory information

· **Labelling according to EU guidelines:**

The product has been classified and marked in accordance with EU Directives / Ordinance on Hazardous Materials.

· **Code letter and hazard designation of product:**

Xi irritant

· **Risk phrases:**

R43 May cause sensitisation by skin contact

R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment

· **Safety phrases:**

S22 Do not breathe dust

S20/21 When using do not eat, drink or smoke

S38 in case of insufficient ventilation, wear suitable respiratory equipment

S24/25 Avoid contact with skin and eyes.

· **National regulations:**

· **Information about limitation of use:** for use in Industrial installations only

None of the ingredients is listed.

16 Other information

This information 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.

· **Relevant R-phrases**

R20/21 Harmful by inhalation and in contact with skin.

R36 Irritating to eyes.

R36/37 Irritating to eyes and respiratory system.

R37/38 Irritating to respiratory system and skin.

R43 May cause sensitisation by skin contact

R50/53 Very Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

· *** Data compared to the previous version altered.**