

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

Product details

Name: Precision Paints
Application of the substance / the preparation: Coating compound / Surface coating / paint.

Manufacturer/Supplier:

Phoenix Precision Paints Limited
Orwell Court.
Wickford, Essex SS11 8YJ
01268 730549

Further information available from: LABORATORY

2. Composition/information on ingredients.

Chemical characterization

Description: Mixture of two or more of the substances listed below with non-hazardous additions.

Dangerous components:

CAS: 64742-82-1 EINECS: 265-185-4	White spirit	Xn, N; R 22-51/53-65-66	25-50%
CAS: 138-86-3 EINECS: 205-341-0	p-mentha-1,8(9)-diene	Xi, N; R 10-38-43-50/53	<2.5%
CAS: 1330-20-7 EINECS: 215-535-7	Xylene (mix)	Xi, N; R 10-20/21-38	<2.5%
	Lead Chromate	T, N; R61-62-33-40-50/53	25-50%
	HF White spirit	Xn; R 10-65-66	<2.5%

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

3. Hazards identification.

Hazard description:



T Toxic
Xn Harmful
N Dangerous for the environment

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.

- R 61 May cause harm to the unborn child.
R 10 Flammable.
R 22 Harmful if swallowed.
R 33 Danger of Cumulative effects.
R 40 Limited evidence of carcinogenic effect.
R 62 Possible risk of impaired fertility
R 43 May cause sensitisation by skin contact.
R 51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R 65 Harmful: may cause lung damage if swallowed.

Classification system:

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

4. First-aid measures.

General information:

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

After inhalation:

Supply fresh air and to be sure call for a doctor.
In case of unconsciousness place patient stably in side position for transportation.

After skin contact:

Immediately wash with water and soap and rinse thoroughly.

After eye contact:

Rinse opened eye for several minutes under running water.

After swallowing:

Call for a doctor immediately.

5. Fire fighting measures.**Suitable extinguishing agents:**

CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

For safety reasons unsuitable extinguishing agents: Water with full jet.

Protective equipment: Put on breathing apparatus.

6. Accidental release measures.

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

Measures for environmental protection:

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

Measures for cleaning/collecting:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Dispose contaminated material as waste according to item 13.

Ensure adequate ventilation.

7. Handling and Storage.**Handling:****Information for safe handling:**

Ensure good ventilation/extraction at the workplace.

Prevent formation of aerosols.

Information about fire- and explosion protection:

Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

Storage:**Requirements to be met by storerooms and receptacles:**

No special requirements.

Information about storage in one common storage facility:

Not required.

Further information about storage conditions:

Keep receptacle tightly sealed.

8. Exposure controls/personal protection.

Additional information about design of technical facilities: No further data; see item 7.

Ingredients with limit values that require monitoring at the workplace:**1330-20-7 Xylene (mix)**

OES	Short-term value: 441mg/m ³ , 100ppm
	Long-term value: 220mg/m ³ , 50ppm
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Additional information: The lists valid during the making were used as basis.

Personal protection 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.

Respiratory protection:

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.

Protection of hands:

Protective gloves.

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 breakthrough time has to be found out from the manufacturer of the protective gloves and has to be observed

Eye protection:

Tightly sealed goggles.

9. Physical and chemical properties.**General Information.**

Form: Fluid	Change in condition
Colour: According to product specification	Melting point/melting range: Undetermined
Odour: Characteristic	Boiling point/boiling range: 150C
Flash point: 38C Ignition temperature: 230.0C	Self-igniting: Product is not self-igniting
Danger of explosion: Product is not explosive. However, formation of explosive air/vapour mixtures are possible	Explosion limits: Lower: 0.6 Vol % Upper: 6.5 Vol %
Vapour pressure at 20C: 6.6hPa	Density: Not determined.

Solubility in/miscibility with water: NOT MISCIBLE

10. Stability and reactivity.**Thermal decomposition/conditions to be avoided:**

No decomposition if used according to specifications.

Dangerous reactions: No dangerous reactions known.

Dangerous decomposition of products: No dangerous decomposition of products known.

11. Toxicological information.**Acute toxicity:****LD/LC50 values relevant for classification****Lead Chromate**

Oral	LD50	>10000 mg/kg (rat)
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Primary irritant effect:

on the skin: No irritant effect.

on the eye: No irritating effect.

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:

Harmful

12. Ecological information.**Ecotoxicological effects:**

Remark: Toxic for fish

General notes:

Also poisonous for fish and plankton in water bodies.

Toxic for aquatic organisms

13. Disposal considerations**Product:****Recommendation:**

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

Uncleaned packaging:

Recommendation: Disposal must be made according to official regulations.

14. Transport information.**Land transport ADR/RID (cross-border)**

ADR/RID class: 3 flammable liquids.

Danger code (Kemler): 30

UN-Number: 1263

Packaging group: III

Hazard label: 3

Description of goods: 1263 PAINT (not viscous)

Maritime transport IMDG:

IMDG Class: 3
UN Number: 1263
Label: 3
Packaging group: III

EMS Number: F-E,S-E
Marine pollutant: Yes
Proper shipping name: PAINT

Air transport ICAO-TI and IATA-DGR:

ICAO/IATA class: 3
UN/ID number: 1263
Label: 3

Packaging group: III
Proper shipping name: PAINT

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:

T Toxic
 Xn Harmful
 N Dangerous for the environment

Risk phrases:

61 may cause harm to the unborn child
 10 Flammable
 22 Harmful if swallowed.
 33 Danger of cumulative effects
 40 Limited evidence of carcinogenic effect
 62 Possible risk of impaired fertility
 51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
 65 Harmful: may cause lung damage if swallowed.

Special labelling of certain preparations:

Contains 2-butanone oxime. May produce an allergic reaction.

Water hazard class;

water hazard class 2 (Self-assessment):
 hazardous for water.

Hazard-determining components of labelling:

White spirit
 HF White spirit
 Lead Chromate

Safety phrases:

23 Do not breathe gas/fumes/vapour/spray (appropriate wording to be specified by the manufacturer).
 25 Avoid contact with eyes.
 36 Wear suitable gloves.
 43 In case of fire, use water or powdered extinguishing agent.
 57 Use appropriate container to avoid environmental contamination.
 60 This material and its container must be disposed of as hazardous waste.

National regulations:**Technical instructions (air):**

Class	Share in %
II	1.0
III	0.2

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

10 Flammable.
 20/21 Harmful by inhalation and in contact with skin.
 22 Harmful if swallowed.
 38 Irritating to skin.
 51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
 65 Harmful: may cause lung damage if swallowed.
 66 Repeated exposure may cause skin dryness or cracking.

Department issuing MSDS: Product safety department: LABORATORY

Contact: Health and Safety Officer.