

SAFETY DATA SHEET

INTERPLUS 1180 BASE LIGHT PART A

Infosafe No.: HY7W4
ISSUED Date : 13/11/2020
ISSUED by: Akzo Nobel Pty Ltd.

1. Identification

GHS Product Identifier

INTERPLUS 1180 BASE LIGHT PART A

Product Code

EHA011

Company name

Akzo Nobel Pty Ltd.

Address

51 Mc Intyre Road Sunshine North
VIC 3020 AUSTRALIA

Telephone/Fax Number

Tel: (03) 9313 4555

Fax: (03) 9311 9141

Emergency phone number

Emergency telephone number (24 hour) 1800 680 071 For Poisons Advice telephone 131 126 To provide telephone consultation to medical professionals and the general public in cases of acute and chronic poisonings - 24 hours a day

Recommended use of the chemical and restrictions on use

Refer Technical Data Sheet.

For professional use only.

This product is intended for use in the
Marine and Protective Coatings markets.

Application Method: Refer Technical Data Sheet.

Apply by brush and roller for small areas.

Airless spray for large areas.

Additional Information

For Poisons Advice telephone: 131 126

To provide telephone consultation to medical professionals and the general public in cases of acute and chronic poisonings - 24 hours a day

2. Hazard Identification

GHS classification of the substance/mixture

Flam. Liq. 3; H226 Flammable liquid and vapour.

Skin Irrit. 2; H315 Causes skin irritation.

Eye Irrit. 2; H319 Causes serious eye irritation.

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

Aquatic Chronic 3; H412 Harmful to aquatic life with long lasting effects.

Signal Word (s)

WARNING

Hazard Statement (s)

H226 Flammable liquid and vapour.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

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H412 Harmful to aquatic life with long lasting effects.

H411 Toxic to aquatic life with long lasting effects.

Precautionary statement – General

Not Applicable

Pictogram (s)

Flame, Exclamation mark, Environment



Precautionary statement – Prevention

P210 Keep away from heat/sparks/open flames/hot surfaces. – No smoking.

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P264 Wash contaminated skin thoroughly after handling.

P272 Contaminated work clothing should not be allowed out of the workplace.

P273 Avoid release to the environment.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P235 Keep cool.

P240 Ground/bond container and receiving equipment.

P241 Use explosion-proof electrical/ventilating/lighting/equipment.

P242 Use only non-sparking tools.

P243 Take precautionary measures against static discharge.

Precautionary statement – Response

P302+P352 IF ON SKIN: Wash with plenty of soap and water.

P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P321 Specific treatment (see information on this label).

P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

P337 If eye irritation persists:

P362 Take off contaminated clothing and wash before reuse.

P363 Wash contaminated clothing before reuse.

P370+P378 In case of fire: Use alcohol resistant foam, CO₂, powder, water spray for extinction. Do not use water jet / for extinction.

P391 Collect spillage.

Precautionary statement – Storage

P403+P233 Store in a well-ventilated place. Keep container tightly closed.

Precautionary statement – Disposal

P501 Dispose of contents / container in accordance with local / national regulations.

Other Information

Hazardous according to criteria of Australian WHS Regulations.

Classified as a Dangerous Good for transport according to the latest ADG code.

Label elements:

Using the Toxicity Data listed in section 11 & 12 the product is labelled as follows.

Other hazards:

This product contains no PBT/vPvB chemicals.

3. Composition/information on ingredients

Ingredients

Name	CAS	Proportion
Epoxy resin	0025068-38-6	10-<25 Wt%
Xylene	0001330-20-7	2.5-<10 Wt%
Ethyl Benzene	0000100-41-4	1-<2.5 Wt%
Phenol, methylstyrenated	0068512-30-1	2.5-<10 Wt%

Other Information

This product contains the following substances that are classified hazardous according to the Australian WHS Hazardous Substances regulations:

Ingredient/Chemical Designations: Epoxy Resin

GHS Classification:

Eye Irrit. 2; H319

Skin Irrit. 2; H315

Skin Sens. 1; H317

Aquatic Chronic 2; H411

Notes: [1]

Ingredient/Chemical Designations: Xylene

GHS Classification:

Flam. Liq. 3; H226

Acute Tox. 4; H332

Acute Tox. 4; H312

Skin Irrit. 2; H315

Asp. Tox. 1; H304

Eye Irrit. 2; H319

STOT SE 3; H335

Notes: [1][2]

Ingredient/Chemical Designations: Phenol, methylstyrenated

GHS Classification:

Skin Irrit. 2; H315

Skin Sens. 1; H317

Aquatic Chronic 3; H412

Notes: [1]

Ingredient/Chemical Designations: Ethyl Benzene

GHS Classification:

Flam. Liq. 2; H225

Acute Tox. 4; H332

STOT RE 2; H373

Asp. Tox. 1; H304

Skin Irrit. 2; H315

Eye Irrit. 2; H319

STOT SE 3; H335

Notes: [1][2]

[1] Substance classified with a health or environmental hazard.

[2] Substance with a workplace exposure limit.

[3] PBT-substance or vPvB-substance.

*The full texts of the Hazard (H) phrases are shown in Section 16.

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There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence do not require reporting in this section.

4. First-aid measures

First Aid Measures

General:

In all cases of doubt, or when symptoms persist, seek medical attention.

Never give anything by mouth to an unconscious person.

Inhalation

Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, give artificial respiration. If unconscious place in the recovery position and obtain immediate medical attention. Give nothing by mouth.

Ingestion

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

Skin

Remove contaminated clothing. Wash skin thoroughly with soap and water or use a recognised skin cleanser. Do NOT use solvents or thinners.

Eye contact

Irrigate copiously with clean fresh water for at least 10 minutes, holding the eyelids apart and seek medical attention.

Indication of immediate medical attention and special treatment needed if necessary

No data available

Most important symptoms/effects, acute and delayed

No data available

5. Fire-fighting measures

Suitable Extinguishing Media

Recommended extinguishing media; alcohol resistant foam, CO₂, powder, water spray.

Do not use - water jet.

Note; Fire will produce dense black smoke. Decomposition products may be hazardous to health. Avoid exposure and use breathing apparatus as appropriate.

Cool closed containers exposed to fire by spraying them with water. Do not allow run off water and contaminants from fire fighting to enter drains or water courses.

Specific Hazards Arising From The Chemical

Fire will produce dense black smoke. Decomposition products may include the following materials: carbon monoxide, carbon dioxide, smoke, oxides of nitrogen.

Avoid exposure and use breathing apparatus as appropriate.

Hazchem Code

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Decomposition Temperature

Not Measured

Precautions in connection with Fire

Advice for fire-fighters:

Cool closed containers exposed to fire by spraying them with water. Do not allow run off water and contaminants from fire fighting to enter drains or water courses.

6. Accidental release measures

Emergency Procedures

Remove sources of ignition, do not turn lights or unprotected electrical equipment on or off. In case of a major spill or spillage in a confined space evacuate the area and check that solvent vapour levels are below the Lower Explosive Limit before re-entering.

Methods And Materials For Containment And Cleaning Up

Ventilate the area and avoid breathing vapours. Take the personal protective measures listed in section 8.

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Contain and absorb spillage with non-combustible materials e.g. sand, earth, vermiculite. Place in closed containers outside buildings and dispose of according to the Waste Regulations. (See section 13).

Clean, preferably with a detergent. Do not use solvents.

Do not allow spills to enter drains or watercourses.

If drains, sewers, streams or lakes are contaminated, inform the local water company immediately. In the case of contamination of rivers, streams or lakes the Environmental Protection Agency should also be informed.

Environmental Precautions

Do not allow spills to enter drains or watercourses.

7. Handling and storage

Precautions for Safe Handling

Handling:

This product contains solvents. Solvent vapours are heavier than air and may spread along floors. Vapours may form explosive mixtures with air. Areas of storage, preparation and application should be ventilated to prevent the creation of flammable or explosive concentrations of vapour in air and avoid vapour concentrations higher than the occupational exposure limits.

In Storage:

Handle containers carefully to prevent damage and spillage.

Naked flames and smoking should not be permitted in storage areas. It is recommended that fork lift trucks and electrical equipment are protected to the appropriate standard.

This product contains solvents. Solvent vapours are heavier than air and may spread along floors. Vapours may form explosive mixtures with air. Areas of storage, preparation and application should be ventilated to prevent the creation of flammable or explosive concentrations of vapour in air and avoid vapour concentrations higher than the occupational exposure limits.

Conditions for safe storage, including any incompatibilities

Keep away from the following materials: oxidising agents, strong alkalis, strong acids.

Avoid skin and eye contact. Avoid inhalation of vapours and spray mists. Observe label precautions. Use personal protection as shown in section 8.

Smoking, eating and drinking should be prohibited in all preparation and application areas.

Never use pressure to empty a container; containers are not pressure vessels.

The requirements of AS/NZS1940 (Storage and Handling of Flammable and Combustible Liquids) apply to all products with a Flash Point less than 60.5C. Refer to this standard and to State Dangerous Goods Storage and Handling regulations.

There are no exposure scenarios, see details in section 1.

Other Information

Specific end use(s):

Store in a well ventilated, dry place away from sources of heat and direct sunlight.

Store on concrete or other impervious floor, preferably with bunding to contain any spillage. Do not stack more than 3 pallets high.

Keep container tightly closed. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Keep in the original container or one of the same material.

Prevent unauthorised access.

All sources of ignition (hot surfaces, sparks, open flames etc) should be excluded from areas of preparation and application. All electrical equipment (including torches) should be protected (Ex) to the appropriate standard.

The product may charge electrostatically. Always use earthing leads when pouring solvents and transferring product. Operators should wear clothing which does not generate static (at least 60% natural fibre) and antistatic footwear; floors should be of conducting type.

8. Exposure controls/personal protection

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Occupational exposure limit values

Control parameters:

From Australia's Hazardous Substance Information System (HSIS)

For detailed information refer to the HSIS web site (<http://hsis.safeworkaustralia.gov.au/>).

Material: Barium Sulphate

Long term (8hr TWA): 10 mg/m³

Material: Ethyl Benzene

Short term (15m ave STEL): 125 ppm, 543 mg/m³

Long term (8hr TWA): 100 ppm, 434 mg/m³

Material: Titanium dioxide

Long term (8hr TWA): 10 mg/m³

Material: Xylene

Short term (15m ave STEL): 150 ppm, 655 mg/m³

Long term (8hr TWA): 80 ppm, 350 mg/m³

Chemicals classified as hazardous according to WHS regulations may have a notification alongside the exposure standard. If such a notification is necessary, it will appear in the far right hand column. The legend is as follows:

(P) Peak exposure limit

(R) Suppliers Recommended Limit

(Sk) There is a risk of absorption through unbroken skin

(Sen) Sensitiser

(Cat1) Category 1 - established human carcinogen

(Cat2) Category 2 - probable human carcinogen

(Cat3) Category 3 - substances suspected of having carcinogenic potential.

Biological Limit Values

There is no biological limit allocated.

Other Exposure Information

DNEL/PNEC values:

No Data Available

Appropriate engineering controls

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and any vapour below occupational exposure limits suitable respiratory protection must be worn.

Respiratory Protection

In Liquid, Paste or Atomised form (e.g. Spray Application), workers must wear respirators with a filter Type A (Organic vapour) approved in accordance with AS/NZS 1716.

Provision of other controls such as exhaust ventilation should be considered if practical.

If applying large volumes (>100L) and If there is not sufficient ventilation or if there is a confined space, an Air Fed Respirator is strongly recommended.

In Solid or Dust form (e.g. Sanding Cured product) workers must wear a Class P1 Particulate filter mask in accordance with AS/NZS1716. An Air Fed Respirator is strongly recommended.

Eye Protection

Wear safety eyewear, e.g. safety spectacles, goggles or visors to protect against the splash of liquids.

Eyewear should comply with AS/NZS1337.

Wear a full face shield if mixing or pouring operations pose a risk of splashes.

An eye wash station is suggested as a good work place practice.

Hand Protection

Gloves of an appropriate material should be worn during mixing and application. Nitrile or PVC gloves are generally recommended for products containing solvents.

Thermal Hazards

No Data Available

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Body Protection

Overalls which cover the body, arms and legs should be worn. Skin should not be exposed. Barrier creams may help to protect areas which are difficult to cover such as the face and neck. They should however not be applied once exposure has occurred. Petroleum jelly based types such as Vaseline should not be used. All parts of the body should be washed after contact.

9. Physical and chemical properties

Properties	Description	Properties	Description
Form	Liquid	Colour	White Liquid
Odour	Smell of Solvent	Decomposition Temperature	Not Measured
Boiling Point	108°C	Solubility in Water	Immiscible
Specific Gravity	1.78	pH	N/A
Vapour Pressure	Not Measured	Vapour Density (Air=1)	Heavier than air.
Evaporation Rate	Not Measured (Ether = 1)	Odour Threshold	Not Measured
Viscosity	N/A	Partition Coefficient: n-octanol/water	(Log Kow): Not Measured
Flash Point	27°C (Closed Cup)	Flammability	(solid, gas): Not Applicable
Auto-Ignition Temperature	Not Measured	Explosion Limit - Upper	6.6
Explosion Limit - Lower	1.1	Initial boiling point and boiling range	108°C
Melting/Freezing Point	Not Measured		

Other Information

No further information

10. Stability and reactivity

Reactivity

No data available

Chemical Stability

Chemical stability:

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

Conditions to avoid:

Keep away from oxidising agents, strongly alkaline and strongly acid materials in order to avoid possible exothermic reactions.

Incompatible materials:

Strong acids, bases, oxidising agents.

Hazardous decomposition products:

When exposed to high temperatures may produce hazardous decomposition products such as carbon monoxide, carbon dioxide, oxides of nitrogen and smoke.

Hazardous reactions:

None.

Conditions to Avoid

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

Incompatible materials

Keep away from the following materials: oxidising agents, strong alkalis, strong acids.

Hazardous Decomposition Products

Fire will produce dense black smoke. Decomposition products may include the following materials: carbon monoxide, carbon

dioxide, smoke, oxides of nitrogen.

Avoid exposure and use breathing apparatus as appropriate.

Possibility of hazardous reactions

May react exothermically with: oxidising agents, strong alkalis, strong acids.

11. Toxicological Information

Toxicology Information

Acute toxicity:

Exposure to solvent vapour concentrations from the component solvents in excess of the stated occupational exposure limits may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms include headache, nausea, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness.

Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in dryness, irritation and possible non-allergic contact dermatitis. Solvents may also be absorbed through the skin. Splashes of liquid in the eyes may cause irritation and soreness with possible irreversible damage.

Based on the properties of the epoxy constituents and considering toxicological data on similar preparations this preparation may be an irritant and a skin and respiratory sensitiser. Low molecular weight epoxy constituents are irritating to eyes, mucous membranes and skin. Repeated skin contact may lead to irritation and sensitisation, possibly with cross-sensitisation to other epoxies.

The preparation has been assessed using the Acute Toxicity Data listed below, and classified for toxicological hazards accordingly. See section 2 for details.

Ingredient: Epoxy Resin - (25068-38-6)

Oral LD50: 2,000.00 mg/kg, Rat

Skin LD50: 2,000.00 mg/kg, Rabbit

Inhalation Vapour LD50: Not Applicable

Inhalation Dust/Mist LD50: Not Applicable

Ingredient: Ethyl Benzene - (100-41-4)

Oral LD50: 3,500.00 mg/kg, Rat

Skin LD50: 15,433.00 mg/kg, Rabbit

Inhalation Vapour LD50: 17.20 mg/L/4hr, Rat

Inhalation Dust/Mist LD50: Not Applicable

Ingredient: Phenol, methylstyrenated - (68512-30-1)

Oral LD50: Not Applicable

Skin LD50: Not Applicable

Inhalation Vapour LD50: Not Applicable

Inhalation Dust/Mist LD50: Not Applicable

Ingredient: Xylene - (1330-20-7)

Oral LD50: 4,299.00 mg/kg, Rat

Skin LD50: 1,548.00 mg/kg, Rabbit

Inhalation Vapour LD50: Not Applicable

Inhalation Dust/Mist LD50: 20.00 mg/L/4hr, Rat

Acute Toxicity - Oral

Category: Not Classified

Hazard: Not Applicable

Acute Toxicity - Inhalation

Category: Not Classified

Hazard: Not Applicable

Acute Toxicity - Dermal

Category: Not Classified

Hazard: Not Applicable

Skin corrosion/irritation

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Category: 2

Hazard: Causes skin irritation.

Serious eye damage/irritation

Category: 2

Hazard: Causes serious eye irritation.

Respiratory sensitisation

Category: Not Classified

Hazard: Not Applicable

Skin Sensitisation

Category: 1

Hazard: May cause an allergic skin reaction.

Germ cell mutagenicity

Category: Not Classified

Hazard: Not Applicable

Carcinogenicity

Category: Not Classified

Hazard: Not Applicable

Reproductive Toxicity

Category: Not Classified

Hazard: Not Applicable

STOT-single exposure

Category: Not Classified

Hazard: Not Applicable

STOT-repeated exposure

Category: Not Classified

Hazard: Not Applicable

Aspiration Hazard

Category: Not Classified

Hazard: Not Applicable

12. Ecological information

Ecotoxicity

The preparation has been assessed according to the GHS criteria and is classified as dangerous for the environment, using the toxicity data listed below.

There are no data available on the product itself.

The product should not be allowed to enter drains or water courses.

Persistence and degradability

There is no data available on the preparation itself.

Mobility

Mobility in soil: No data available

Bioaccumulative Potential

Not Measured

Other Adverse Effects

No data available

Acute Toxicity - Fish

Ingredient: Epoxy Resin - (25068-38-6)

96 hr LC50 fish: 3.10 mg/l, Pimephales promelas

Ingredient: Xylene - (1330-20-7)

96 hr LC50 fish: Not Applicable

Ingredient: Phenol, methylstyrenated - (68512-30-1)

96 hr LC50 fish: Not Applicable

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Ingredient: Ethyl Benzene - (100-41-4)
96 hr LC50 fish: 4.20 mg/l, Oncorhynchus mykiss

Acute Toxicity - Daphnia

Ingredient: Epoxy Resin - (25068-38-6)
48 hr EC50 crustacea: 1.40 mg/l, Daphnia magna

Ingredient: Xylene - (1330-20-7)
48 hr EC50 crustacea: Not Applicable

Ingredient: Phenol, methylstyrenated - (68512-30-1)
48 hr EC50 crustacea: Not Applicable

Ingredient: Ethyl Benzene - (100-41-4)
48 hr EC50 crustacea: 2.93 mg/l, Daphnia magna

Acute Toxicity - Algae

Ingredient: Epoxy Resin - (25068-38-6)
ErC50 algae: Not Applicable

Ingredient: Xylene - (1330-20-7)
ErC50 algae: Not Applicable

Ingredient: Phenol, methylstyrenated - (68512-30-1)
ErC50 algae: Not Applicable

Ingredient: Ethyl Benzene - (100-41-4)
ErC50 algae: 3.60 mg/l (96 hr), Pseudokirchneriella subcapitata

Other Information

Results of PBT and vPvB assessment:
This product contains no PBT/vPvB chemicals.

13. Disposal considerations

Waste Disposal

Do not allow into drains or water courses. Wastes and empty containers should be disposed of in accordance with State and Federal regulations.

Using information provided in this data sheet advice should be obtained from the local Waste Regulation Authority as to whether special waste regulations apply.

14. Transport information

U.N. Number

1263

UN proper shipping name

PAINT

Transport hazard class(es)

3

Packing Group

III

Hazchem Code

•3Y

IERG Number

14

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UN Number (Air Transport, ICAO)

1263

IATA/ICAO Proper Shipping Name

PAINT

IATA/ICAO Hazard Class

3

IATA/ICAO Packing Group

III

IMDG UN No

1263

IMDG Proper Shipping Name

PAINT

IMDG Hazard Class

3

IMDG Pack. Group

III

Special Precautions for User

No further information

Environmental Hazards

Road and Rail Transport (ADG7):

Environmentally Hazardous: Yes

IMDG reference:

Marine Pollutant: Yes

Other Information

Transport hazard class(es):

Road and Rail Transport (ADG7): 1263, Paint, 3, III, .3Y

IMDG reference:

Class/Div: 3

Ems: F-E,S-E

ICAO/IATA:

Class: 3

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:

Not Applicable

15. Regulatory information

Regulatory information

This product and all its components complies with the chemical and transport regulations from the country listed in section 1.3.

Other regulatory information specific to the hazardous chemical(s):

None noted.

Poisons Schedule

N/A

16. Other Information

Contact Person/Point

Ask for Marine, Protective and Yacht Coatings Regulatory Affairs Manager

Ph: 0407 119 025

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User Codes

User Title Label	User Codes
Wis Numbers	00003812

Other Information

Version Number: 7

The full text of the Hazard (H) phrases appearing in section 2 & 3 are:

H225 Highly flammable liquid and vapour.

H226 Flammable liquid and vapour.

H304 May be fatal if swallowed and enters airways.

H312 Harmful in contact with skin.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H332 Harmful if inhaled.

H335 May cause respiratory irritation.

H336 May cause drowsiness and dizziness.

H372 Causes damage to organs through prolonged or repeated exposure.

H373 May cause damage to organs through prolonged or repeated exposure.

H411 Toxic to aquatic life with long lasting effects.

This SDS is valid for 5 years from the revised date on page 1.

This SDS has been transcribed into Infosafe GHS format from an original, issued by the manufacturer on the date shown.

Any disclaimer by the manufacturer may not be included in the transcription.

END OF SDS

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