



Intec Coatings P/L
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SAFETY DATA SHEET

1 PRODUCT IDENTIFICATION AND SUPPLIER

NAME: 460IP Intepoxy HS Hardener
PRODUCT CODE: 460IP-0001
APPLICATION: Hardener used in conjunction with 460IP Intepoxy HS base to produce chemical resistant high wearing paint films.

SUPPLIER: Intec Coatings P/L
47 Lara Way
Campbellfield Vic 3061

Emergency Numbers:
Australian Poisons Information Centre: 13 11 26
Police Fire Brigade or Ambulance: 000
Intec Coatings 1300 046 832

2 HAZARD IDENTIFICATION

Hazardous according to criteria of Safe Work Australia

GHS CLASSIFICATION



Signal Word Danger

POISONS SCHEDULE (AUST)
S5

HAZARD CLASSIFICATIONS

Flammable Liquids	Category 2
Aspiration Hazard	Category 1
Acute Toxicity-Dermal	Category 4
Acute Toxicity-Inhalation	Category 4
Skin Corrosion/Irritation	Category 2
Eye Irritation	Category 2A
Specific Target Organ Toxicity (Single Exposure)	Category 3 Narcotic Effects

HAZARD STATEMENTS

H225 Highly flammable liquid and vapour
H312 Harmful in contact with skin
H302 Harmful if swallowed
H304 May be fatal if swallowed and enters airways.
H315 Causes skin irritation.
H319 Causes serious eye damage
H336 May cause drowsiness or dizziness.

PREVENTION PRECAUTIONARY STATEMENTS

P102 Keep out of reach of children
P103 Read label before use
P210 Keep away from heat/sparks/open flames/hot surfaces – No smoking
P260 Do not breathe dust/fume/gas/mist/vapours/spray
P271 Use only outdoors or in a well-ventilated area
P281 Use personal protective equipment as required
P240 Ground/bond container and receiving equipment
P241 Use explosion-proof electrical/ventilating/lighting/intrinsically safe equipment
P242 Use only non-sparking tools
P243 Take precautionary measures against static discharge
P270 Do not eat, drink or smoke when using this product
P272 Contaminated work clothing should not be allowed out of workplace
P273 Avoid release to the environment
P280 Wear protective gloves/protective clothing/eye protection/face protection

RESPONSE PRECAUTIONARY STATEMENT

P101 If medical advice is needed, have product container or label at hand
P304+340 If INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
P312 Call a POISON CENTRE or doctor/physician if you feel unwell
P302+352 IF ON SKIN: Wash with soap and water
P303+361+353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
P363 Wash contaminated clothing before reuse
P333+313 If skin irritation or a rash occurs: Get medical advice/attention
P370+378 In case of fire: Use alcohol resistant foam for extinction

3 INGREDIENTS

Composition by weight %	1-10	10-30	30-60	>60	CAS RN	TWA PPM
4,4'-methylenebiscyclohexylamine			X		1761-71-3	
Benzyl alcohol			X		100-51-6	
methoxy propyl acetate	X				108-65-6	50

4 FIRST AID

EYES: Flush eyes with water for at least 15 minutes. Ensure irrigation under both eyelids is achieved. Transport patient to hospital or doctor immediately. Do not attempt to remove contact lenses, this should only be undertaken by skilled personnel.

- SKIN:** Remove contaminated clothing.
Wash affected areas thoroughly with soap and water. Do not wash with solvent. If irritation occurs seek medical attention.
- INHALATION:** Move patient to fresh air away from contamination source and remove contaminated clothing. Allow patient to assume most comfortable position and keep warm. If breathing is shallow or has stopped, ensure clear airway and apply resuscitation. Seek immediate medical attention.
- INGESTION:** If swallowed do not induce vomiting. Wash mouth with water. Give water to drink to dilute stomach contents. If vomiting occurs, place victim's head downward, head lower than hips to prevent vomit entering lungs. Seek immediate medical attention.

5 FIRE FIGHTING MEASURES

Flammable

Flash point (°C): 46 Degrees C

Extinguishing Media: Dry chemical, foam, or CO2

FIRE AND EXPLOSION HAZARDS:

Vapour is heavier than air, will accumulate in depressions and will form explosive mixtures with air. Vapour may travel a considerable distance to source of ignition. Vapours are very dangerous in enclosed spaces, which are poorly ventilated. Highly flammable, keep away from naked flame, spark or heat source.

Store cans away from oxidizing agents.

On combustion, may emit toxic fumes and acrid smoke.

6 SPILL AND CLEAN UP PROCEDURES

Remove possible sources of ignition. Avoid breathing vapour and contact with skin and eyes. Wear appropriate safety equipment.

- Absorb all spills with a dangerous goods approved absorbent material such as sand, vermiculite etc. Place in an **Australian Standard Approved** flammable goods waste bin and add equal volume of water. Dispose of through an approved dangerous good waste management contractor.
Do not permit spilled material to flow into sewer or natural waterway.
- Place 'all spray booth' dry waste including dirty rags, overspray dust, sweepings, paint film etc. in an **Australian Standard Approved** flammable goods waste bin and add equal volume of water.
- Recycle all liquid waste including paint sludge and dirty thinners when possible, otherwise place in a suitable dangerous goods approved container and dispose of through an approved dangerous goods liquid waste contractor.

7 Handling And Storage

STORAGE PRECAUTIONARY STATEMENTS

P405 Store locked up
P403+235 Store in a well-ventilated place. Keep cool

Avoid eye contact and skin contact. Wear eye protection and protective clothing and footwear. Avoid inhalation of vapour, mist, or aerosols. Store cans in a well-ventilated area away from sources of ignition such as, open flames, heat sources, electrical arc, etc. Store cans away from oxidising agents, foodstuffs and clothing. Keep containers closed securely when not in use. No smoking

8 SAFETY PROTECTION INFORMATION

ENGINEERING CONTROLS:

Use in a well-ventilated area, under normal conditions general exhaust is adequate. Spraying should be done in accordance to local state regulations. All electrical fittings and appliances including power outlets, lighting and exhaust extraction must be intrinsically safe and in accordance to class 1 zone 1 Australian Standards, this is also required where painted surfaces are drying as evaporating flammable solvents are given off for some time and may accumulate in enclosed areas. Keep containers closed when not in use. Do Not enter confined spaces where vapour may have collected.

PERSONAL PROTECTION

- INHALATION:** Wear an Australian Standard Approved respirator. The selection of class and type will be dependent on level of air-borne contaminant and chemical type. For general use with adequate ventilation, an organic vapour respirator is sufficient. In conditions where high levels of exposure to spray mist and vapour are present with poor ventilation, wear full-faced air supplied breathing apparatus.
- EYES:** Chemical goggles or safety glasses with side shields. Do not wear contact lenses as they absorb and concentrate irritants.
- HANDS:** Wear chemical resistant gloves such as rubber, PVC, nitrile or neoprene. Do not wash hands with solvent; use industrial hand cleansing cream or soap and water.
- CLOTHING:** Wear protective clothing that minimises the risk of skin contamination. Wear safety footwear.

9 PHYSICAL AND CHEMICAL PROPERTIES

- | | |
|------------------------------------|------------------------------------|
| Appearance: | Coloured liquid (typical of paint) |
| Odour: | Odour of Hydrocarbons |
| Specific Gravity: | 0.90 – 1.00 Kg/lit |
| Percent volatile by volume: | 60 – 70% |
| Solubility in water g/l: | None |

10 REACTIVITY DATA

- Materials to avoid:** Strong oxidizing agents.
- Hazardous Decomposition Products:** Oxides of Carbon and nitrogen. Ammonia gas. Can produce nitric acid in the presence of water.
- HAZARDOUS POLYMERISATION:** Will not occur.

11 HEALTH HAZARD AND TOXICOLOGY DATA

EFFECTS OF EXPOSURE

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and product label. Symptoms or effects that may arise if the product is mishandled are as follows: -

- EYES:** Highly irritant, which may lead to, pronounced inflammation and conjunctivitis. Damage to the cornea may result in permanent vision impairment if not treated promptly.
- SKIN:** May cause skin irritation after prolonged or repeated exposure, which may lead to contact dermatitis.
- INHALATION:** Mild irritation to upper respiratory tract may become more pronounced at elevated temperatures. More severe effects from inhalation of high concentrations of vapour include pulmonary irritation, coughing, headache, nausea, and central nervous system depression which can lead to loss of co-ordination, impaired judgement and if exposure is prolonged, unconsciousness. Pre-existing respiratory illness such as asthma, bronchitis, or emphysema etc may be aggravated if inhaled.

INGESTION: Gastrointestinal irritation may cause nausea, pain and vomiting. Vomit entering the lungs by aspiration may cause potentially lethal chemical pneumonitis.

National occupational exposure limit:

None assigned for this product by Safe Work Australia however, the following list of raw materials may serve as a guide.

PGMA

Dermal (rat) LD50: >5000 mg/kg
Inhalation (rat) LC50: 4345 ppm/6hr
Oral (rat) LD50: 6190 mg/kg

Ref suppliers SDS

Germ cell mutagenicity:

Not mutagenic

Carcinogenicity:

Based on current data not expected to be carcinogenic

Reproductive and developmental Toxicity:

Not a developmental toxicant
Does not impair fertility.

12 Ecological Information

Avoid contaminating waterways.

Acute aquatic hazard:

no data available on product

Long term aquatic hazard:

no data available on product

Toxicity to Ecology:

no data available on product

Degradability:

no data available on product

Bio-accumulative potential no data available on product however based on individual raw materials not expected to bio accumulate.

13 DISPOSAL PRECAUTIONARY STATEMENTS

Dispose of in accordance with local waste management regulations in an authorised landfill or consult local land waste Management Authority for disposal.

Recycle where possible; dispose of empty vented containers through a metal recycler or at an authorised landfill.

14 TRANSPORT INFORMATION

UN No: 1263

Paint (including paint, lacquer, enamel, stain, shellac solutions, varnish, polish, liquid filler and liquid lacquer base) or PAINT RELATED MATERIAL (including paint thinning or reducing compound)

D.G: 3

HAZCHEM: 3[Y]E

P.G: II

15 REGULATORY INFORMATION

All raw materials used in this product are listed on or exempt from the Australian Inventory of Chemical substances (AICS)

16 OTHER INFORMATION

Date of preparation: 05/12/2025

Revision number: 3

Changes in Revision: Format

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