



Intec Coatings P/L
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SAFETY DATA SHEET

1. IDENTIFICATION

Name: ENAMEL THINNER

PRODUCT CODE: 100ET-0001

APPLICATION: Solvent suitable for thinning down sprayable enamels.

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. HAZARDS IDENTIFICATION

Hazardous according to criteria of Safe Work Australia

GHS CLASSIFICATION



Signal Word

Danger

HAZARD CLASSIFICATIONS

Flammable Liquids	Category 2
Aspiration Hazard	Category 1
Toxic to reproduction,	Category 2
Skin Corrosion/Irritation	Category 2
Specific target organ toxicity – single exposure, Narcotic Effects	Category 3
Specific target organ toxicity – repeated exposure, Central nervous system (CNS)	Category 2
Acute hazards to the aquatic environment,	Category 2

HAZARD STATEMENTS

- H225 Highly flammable liquid and vapour
H304 May be fatal if swallowed and enters airways.
H315 Causes skin irritation.
H320 Causes eye irritation.
H360 May damage fertility or the unborn child.
H332 Harmful if inhaled
H336 May cause drowsiness or dizziness.
H373 May cause damage to organ systems through prolonged or repeated exposure.
H412 May cause long lasting harmful effects to aquatic life.

PREVENTION PRECAUTIONARY STATEMENTS

- P201 Obtain special instructions before use
P202 Do not handle until all safety precautions have been read and understood.
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
P312 Call a POISON CENTRE or doctor/physician if you feel unwell
P304+340 If INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
P303+361+353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
P302+352 IF ON SKIN: Wash with soap and water
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. COMPOSITION / INFORMATION ON INGREDIENTS

Composition by weight %	CAS RN	30-60	>60
Solvent naphtha, petroleum, light aromatic	64742-95-6	X	
Toluene	108-88-3	X	

4. FIRST AID MEASURES

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:	Immediately 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. Rinse out mouth with water. Give water slowly and as much as casualty is comfortable 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.

SYMPTOMS CAUSED BY EXPOSURE

HEALTH HAZARD DATA

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 and death. 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.

STORAGE PRECAUTIONARY STATEMENTS

P405	Store locked up
P233	Keep container tightly closed
P403+235	Store in a well-ventilated place. Keep cool

POISONS SCHEDULE (AUST)

S5

5. FIRE FIGHTING MEASURES

Highly Flammable

Flash point (°C): Below 0 Degrees C

Extinguishing Media: Dry chemical, foam, or CO2

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.

SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIREFIGHTERS

Flammable liquid. Firefighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapour or products of combustion.

6. ACCIDENTAL RELEASE MEASURES

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

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

Handling

Avoid skin and eye contact and inhalation of vapour, mists or aerosols.

8. EXPOSURE CONTROLS / 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.

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.

Chemical	Cas number	TWA ppm	STEL ppm
Toluene		50	150

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear liquid

Odour: Odour of Hydrocarbons

Specific Gravity: 0.800 – 0.900 Kg/l

Percent volatile by volume: 100%

Solubility in water g/l: None

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.

10. STABILITY AND REACTIVITY

Materials to avoid: Strong oxidizing agents

Hazardous Decomposition Products: Carbon dioxide and monoxide.

Hazardous Polymerisation: Will not occur.

11. TOXICOLOGY INFORMATION

- Acute toxicity:
Ingestion may cause irritation to the mouth, throat, esophagus, and stomach with symptoms of nausea, abdominal discomfort, vomiting and diarrhea. Aspiration hazard!
- Skin corrosion/irritation: Causes skin irritation. Skin contact will cause redness, itching and swelling. Repeated exposure may cause skin dryness and cracking and may lead to dermatitis.
- Eye damage/irritation: May be irritating to eyes. The symptoms may include redness, itching and tearing.
- Respiratory/skin sensitisation: Not expected to be a respiratory sensitizer. Not expected to be a skin sensitizer.
- Germ cell mutagenicity: Not considered to be a mutagenic hazard.
- Carcinogenicity: Not considered to be a carcinogenic hazard. The classification as a carcinogen or mutagen does not apply since the substance contains less than 0.1% w/w benzene. Toluene is listed as a Group 3: Not classifiable as to carcinogenicity to humans according to International Agency for Research on Cancer (IARC).

- Reproductive toxicity: May damage fertility or the unborn child. Classified as a Known or presumed human reproductive or developmental toxicant.
- STOT (single exposure): May cause respiratory irritation. May cause drowsiness or dizziness. Inhalation of product vapours can cause irritation of the nose, throat, and respiratory system. Symptoms include sneezing, coughing, wheezing, shortness of breath, headache, dizziness, drowsiness, nausea, and vomiting. High concentrations may cause central nervous system depression resulting in headaches, dizziness, and nausea; continued inhalation may result in unconsciousness and/or death.
- STOT (repeated exposure): May cause damage to organs through prolonged or repeated exposure (Central nervous system, Kidney, Auditory system, Visual system, Respiratory system). Repeated exposure affects the nervous system. Effects were seen at high doses only. Repeated exposure affects the respiratory system. Effects were seen at high doses only (Toluene). Prolonged and repeated exposures to high concentrations have resulted in hearing loss in rats. Solvent abuse and noise interaction in the work environment may cause hearing loss (Toluene). May cause decreased color perception. These subtle changes have not been found to lead to functional colour vision deficits (Toluene). Caused kidney effects in male rats which are not considered relevant to humans.
- Aspiration toxicity: May be fatal if swallowed and enters airways. Small amounts of liquid aspirated into the respiratory system during ingestion or from vomiting may cause severe pulmonary injury that may lead to death.

Acute

Ingestion

Acute toxicity (Oral):

-LD50, Rat: >2,000 mg/kg

Skin

Acute toxicity (Dermal):

-LD50, Rat: >2,000 mg/kg

Inhalation

Acute toxicity (Inhalation)

-LC50, Rat: >20 mg/l (4Hr)

Germ cell mutagenicity:

Not mutagenic

Carcinogenicity:

Not expected to be carcinogenic

Reproductive and developmental Toxicity:

This material has been classified as a Category 2 Hazard.

Specific target organ toxicity (repeat exposure):

This material has been classified as a Category 2 Hazard.

Exposure via inhalation may affect the central nervous system.

12. ECOLOGICAL INFORMATION

Avoid contaminating waterways.

Ecotoxicity

Aquatic toxicity:

Expected to be toxic to fish: $1 < LC/EC/IC50 \leq 10$ mg/l

Expected to be toxic to invertebrates: $1 < LC/EC/IC50 \leq 10$ mg/l

Expected to be toxic to algae: $1 < LC/EC/IC50 \leq 10$ mg/l

Persistence/Degradability

Expected to be readily biodegradable. Oxidises rapidly by photo-chemical reactions in air.

Mobility

Floats on water. Adsorbs to soil and has low mobility.

Environmental Fate

Toxic to aquatic life with long lasting effects. Do not discharge this material into waterways, drains and sewers.

Bioaccumulation Potential

Has the potential to bioaccumulate.

Environmental Impact

No Data Available

13. DISPOSAL CONSIDERATIONS

DISPOSAL RECOMMENDATION:

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

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

14. TRANSPORT INFORMATION

ROAD AND TRANSPORT CLASSIFICATION

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)

Dangerous Goods: 3

HAZCHEM: 3[Y]E

P.G: II

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

15. REGULATORY INFORMATION

All ingredients in this product are listed on the Australian Inventory of Chemical Substances (AICS)

16. OTHER INFORMATION

Date of preparation : 08/02/2026

Revision Number : 5

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