

Material Safety Data Sheet

YTA006

INTERNATIONAL THINNERS NO 9**Version Number 8 Revision Date 08/25/08****1. Product and company identification**

Product Name	INTERNATIONAL THINNERS NO 9
Product Code	YTA006
Intended use	This product is intended for use in the marine and protective coatings markets. Refer Technical Data Sheet.
Application Method	Refer Technical Data Sheet.
Company Name	Akzo Nobel Coatings Ltd 686 Rosebank Road Avondale Auckland 7 New Zealand
Telephone No.	(09) 828 3009
Fax No.	(09) 828 1129
24 hour Emergency Telephone No.	0800 503 008
For Poisons Advice telephone	(03) 479 7248 For Advice to Doctors & Hospitals only

2. Hazard Identification

S23 - Do not breathe vapour/spray.

S51 - Use only in well-ventilated areas.

Further information is given in section 11.



All information concerning this product and/or suggestions for handling and use contained herein are offered in good faith and are believed to be reliable. Akzo Nobel however makes no warranty as to the accuracy of and/or sufficiency of such information.

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INTERNATIONAL THINNERS NO 9**Version Number 8 Revision Date 08/25/08****3. Composition / information on ingredients**

This product contains the following substances that present a hazard within the meaning of the relevant State and Federal Hazardous Substances regulations. Users are referred to the Australian Safety and Compensation Council (ASCC) website www.ascg.gov.au for more information.

Ingredient	CAS Number	Concentration Range%	Symbol (s)	Risk phrases (*)
Ethyl 3-ethoxypropionate	000763-69-9	50 - 100		

Other ingredients in this product have been determined not to be hazardous

* The full text of the above phrases are shown in section 16.

4. 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.

Eye Contact

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

Skin Contact

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

Ingestion

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



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5. Fire-fighting measures

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.

6. Accidental release measures

Ventilate the area to avoid breathing vapours. Take the personal protective measures listed in Section 8.

Contain and absorb spillage with non-combustible materials e.g. sand, earth, vermiculite. Place in closed containers outside buildings and dispose of according to relevant State and Federal 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 relevant Environment Protection Agency.

Empty containers may contain product residues, including flammable or explosive vapours. Do not cut, puncture or weld on or near containers. All label warnings must be observed until the containers have been cleaned or reconditioned.

Ventilate the area to avoid breathing vapours. Take the personal protective measures listed in Section 8.

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

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

Do not allow spills to enter drains or watercourses.

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7. Handling and storage

Handling**In Storage**

Handle containers carefully to prevent damage and spillage.

In Use

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.

Storage

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.



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8. Exposure controls and personal protection
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Engineering Measures

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.

Exposure Limits

From the ASCC "Exposure Standards for Atmospheric Contaminants in the Occupational Environment". For detailed information refer to the ASCC web site (www.ascc.gov.au).

Material	Short term (15 min. ave)		Long term (8hr time weighted average)	
	ppm	mg/M3	ppm	mg/M3

Chemicals classified as hazardous by the ASCC 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.

There is no biological limit allocated.

Personal Protection

Respiratory Protection

When concentrations exceed the exposure limits shown above workers must wear appropriate respirators approved in accordance AS/NZS1716. Provision of other controls such as exhaust ventilation should be considered if practical.

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.

Skin 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.



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9. Physical and chemical properties

Physical State	Liquid
Colour	Colourless
Flash Point (deg C closed cup)	58
Autoignition temperature	377
Viscosity (cSt)	N/A
Specific Gravity	0.950
Solvent Weight %	100.00
Vapour Density	Heavier than air.
pH	N/A</TD>
Lower Explosive Limit (%v/v air)	1.1
Solubility in Water	Immiscible
R.A.Q. to ventilate to 10% of the LEL (M3/l)	136.51
Odour	Smell of Solvent

10. Stability and reactivity**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.

11. Toxicological information

There are no data available on the product itself.



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12. Ecological information

There are no data available on the product itself.

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

13. Disposal considerations

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

Transport only in accordance with the following regulations:

Road and Rail
Transport 1263, Paint related material, 3, III, 3[Y]

IMDG reference :	Class/Div.	3	Subsidiary Class
	Proper Shipping Name	Paint Related Material	
	UN No.	1263	MFAG
	EMS	F-E,S-E	
	Packaging Group	III	
	Marine pollutant	No	

ICAO/IATA	Shipping Name	Paint Related Material
	Class	3
	UN No.	1263
	Packaging Group	III



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15. Regulatory information

The following information is provided in accordance with ASCC guidelines for the labelling of Hazardous Substances.

Symbol(s)

Contains;

R. Phrases;

S. Phrases;

S23 - Do not breathe vapour/spray.

S51 - Use only in well-ventilated areas.

P. Phrases;



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16. Other information

Contact point:

HSE Department - Health and Safety Advisor
+61 (0)3 9313 4555

The information on this MSDS is based upon the present state of our knowledge and on current State and Federal laws.

The product should not be used for purposes other than shown in the product data sheet without first obtaining written advice.

It is always the responsibility of the user to take all necessary steps to meet the demands of applicable legislation.

The information in this Material Safety Data Sheet is required according to State and Federal legislation and following ASCC guidance (as amended).

The full text of the R phrases appearing in section 3 is:



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