

# **ITW** Performance Polymers

## SAFETY DATA SHEET IRABOND 9924 A

### 1. Identification

#### Product identifier

Product name IRABOND 9924 A

#### Recommended use of the chemical and restrictions on use

Application Primer.

#### Details of the supplier of the safety data sheet

Supplier ITW Performance Polymers  
Bay 150  
Shannon Industrial Estate  
Co. Clare  
Ireland  
V14 DF82  
353(61)771500  
353(61)471285  
customerservice.shannon@itwpp.com

#### Emergency telephone number

Emergency telephone +44(0)1235 239 670 (24h)

### 2. Hazard(s) identification

#### Classification of the substance or mixture

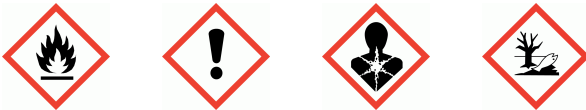
Physical hazards Flam. Liq. 2 - H225

Health hazards Skin Irrit. 2 - H315 Eye Irrit. 2A - H319 Skin Sens. 1 - H317 Muta. 2 - H341

Environmental hazards Aquatic Chronic 2 - H411

#### Label elements

##### Hazard symbols



Signal word

Danger

##### Hazard statements

H225 Highly flammable liquid and vapor.  
H315 Causes skin irritation.  
H319 Causes serious eye irritation.  
H317 May cause an allergic skin reaction.  
H341 Suspected of causing genetic defects.  
H411 Toxic to aquatic life with long lasting effects.



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<b>PHENOL</b>	<b>1-5%</b>
CAS number: 108-95-2	
<b>Classification</b>	
Acute Tox. 3 - H301	
Acute Tox. 3 - H311	
Acute Tox. 3 - H331	
Skin Corr. 1B - H314	
Eye Dam. 1 - H318	
Muta. 2 - H341	
STOT RE 2 - H373	
<b>METHANOL</b>	<b>1-5%</b>
CAS number: 67-56-1	
<b>Classification</b>	
Flam. Liq. 2 - H225	
Acute Tox. 3 - H301	
Acute Tox. 3 - H311	
Acute Tox. 3 - H331	
STOT SE 1 - H370	

The full text for all hazard statements is displayed in Section 16.

#### 4. First-aid measures

##### Description of first aid measures

<b>General information</b>	Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Get medical attention if any discomfort continues. Keep affected person away from heat, sparks and flames.
<b>Inhalation</b>	Move affected person to fresh air at once. For breathing difficulties, oxygen may be necessary. If breathing stops, provide artificial respiration. Keep affected person warm and at rest. Get medical attention.
<b>Ingestion</b>	Do not induce vomiting. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Rinse mouth thoroughly with water. Get medical attention immediately.
<b>Skin Contact</b>	Remove affected person from source of contamination. Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if irritation persists after washing.
<b>Eye contact</b>	Remove any contact lenses and open eyelids wide apart. Rinse immediately with plenty of water. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

##### Most important symptoms and effects, both acute and delayed

<b>General information</b>	The severity of the symptoms described will vary dependent on the concentration and the length of exposure. Get medical attention immediately.
<b>Inhalation</b>	Vapors may cause headache, fatigue, dizziness and nausea. Irritation of nose, throat and airway.
<b>Ingestion</b>	May cause discomfort if swallowed. May cause stomach pain or vomiting. Drowsiness, dizziness, disorientation, vertigo.

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**Skin contact** Causes skin irritation. Prolonged contact may cause redness, irritation and dry skin.

**Eye contact** Irritation of eyes and mucous membranes.

### Indication of immediate medical attention and special treatment needed

**Notes for the doctor** Development of symptoms may be delayed for 24 to 48 hours.

## 5. Fire-fighting measures

### Extinguishing media

**Suitable extinguishing media** Carbon dioxide (CO<sub>2</sub>). Dry chemicals, sand, dolomite etc. Foam.

### Special hazards arising from the substance or mixture

**Specific hazards** Vapors are heavier than air and may spread near ground and travel a considerable distance to a source of ignition and flash back. Containers can burst violently or explode when heated, due to excessive pressure build-up.

### Advice for firefighters

**Protective actions during firefighting** Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

**Special protective equipment for firefighters** Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk. Control run-off water by containing and keeping it out of sewers and watercourses.

## 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

**Personal precautions** Wear protective clothing as described in Section 8 of this safety data sheet.

### Environmental precautions

**Environmental precautions** Do not discharge into drains or watercourses or onto the ground.

### Methods and material for containment and cleaning up

**Methods for cleaning up** Eliminate all sources of ignition. No smoking, sparks, flames or other sources of ignition near spillage. Provide adequate ventilation. Absorb spillage with non-combustible, absorbent material. Collect and place in suitable waste disposal containers and seal securely.

**Reference to other sections** For personal protection, see Section 8. For waste disposal, see Section 13.

## 7. Handling and storage

### Precautions for safe handling

**Usage precautions** Static electricity and formation of sparks must be prevented. Keep away from heat, sparks and open flame. Use explosion-proof electrical equipment. Avoid spilling. Avoid contact with skin, eyes and clothing. Avoid breathing vapours. If ventilation is inadequate, suitable respiratory protection must be worn.

### Conditions for safe storage, including any incompatibilities

**Storage precautions** Keep container tightly closed, in a cool, well ventilated place. Keep only in the original container. Store away from incompatible materials (see Section 10).

### Specific end uses(s)

**Specific end use(s)** The identified uses for this product are detailed in Section 1.

## 8. Exposure controls/Personal protection

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### Ingredient comments

WEL = Workplace Exposure Limits

### Exposure controls

#### Protective equipment



#### Appropriate engineering controls

Use explosion-proof general and local exhaust ventilation.

#### Eye/face protection

Wear tight-fitting, chemical splash goggles or face shield. Personal protective equipment for eye and face protection should comply with OSHA 1910.133.

#### Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. Wear protective gloves made of the following material: Neoprene. Wear protective gloves made of the following material: Nitrile rubber. Wear protective gloves made of the following material: Butyl rubber. To protect hands from chemicals, gloves should comply with OSHA 1910.138 and be demonstrated to be impervious to the chemical and resist degradation. The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material. The selected gloves should have a breakthrough time of at least 8 hours.

#### Other skin and body protection

Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapor contact.

#### Hygiene measures

Do not smoke in work area. Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Contaminated clothing should be placed in a closed container for disposal or decontamination. Warn cleaning personnel of any hazardous properties of the product. When using do not eat, drink or smoke.

#### Respiratory protection

Respiratory protection complying with an approved standard should be worn if a risk assessment indicates inhalation of contaminants is possible. Respirator selection must be based on exposure levels, the hazards of the product and the safe working limits of the selected respirator. Check that the respirator fits tightly and the filter is changed regularly. Wear a respirator fitted with the following cartridge: Gas filter, type A2. Half mask and quarter mask respirators with replaceable filter cartridges should comply with OSHA 1910.134.

## 9. Physical and chemical properties

### Information on basic physical and chemical properties

Appearance	Liquid.
Color	Yellow.
Odor	Solvent.
Flash point	20°C Setaflash closed cup.
Upper/lower flammability or explosive limits	Lower flammable/explosive limit: 1.3% (V) Upper flammable/explosive limit: 36.5% (V)
Relative density	1.06
Solubility(ies)	Insoluble in water.
Viscosity	Dynamic >1000 mPa s @ 25°C

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**Volatile organic compound** This product contains a maximum VOC content of 922 g/l.

### 10. Stability and reactivity

**Reactivity** There are no known reactivity hazards associated with this product.

**Stability** Stable at normal ambient temperatures and when used as recommended.

**Possibility of hazardous reactions** Under normal conditions of storage and use, no hazardous reactions will occur.

**Conditions to avoid** Avoid heat, flames and other sources of ignition.

**Materials to avoid** Strong acids. Strong alkalis. Strong oxidizing agents.

**Hazardous decomposition products** Carbon dioxide (CO<sub>2</sub>). Carbon monoxide (CO).

### 11. Toxicological information

#### Information on toxicological effects

#### Acute toxicity - dermal

**ATE dermal (mg/kg)** 5,172.41

**General information** Prolonged and repeated contact with solvents over a long period may lead to permanent health problems. Known or suspected mutagen.

**Inhalation** May cause damage to mucous membranes in nose, throat, lungs and bronchial system.

**Ingestion** Liquid irritates mucous membranes and may cause abdominal pain if swallowed.

**Skin Contact** This product is strongly irritating.

**Eye contact** The product is irritating to eyes and skin.

### 12. Ecological information

**Ecotoxicity** Dangerous for the environment. Toxic to aquatic life with long lasting effects.

**Toxicity** No data available.

**Persistence and degradability**

**Persistence and degradability** There are no data on the degradability of this product.

**Bioaccumulative potential**

**Bio-Accumulative Potential** No data available on bioaccumulation.

**Mobility in soil**

**Mobility** The product is insoluble in water.

**Other adverse effects**

**Other adverse effects** Not available.

### 13. Disposal considerations

#### Waste treatment methods

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<b>General information</b>	When handling waste, the safety precautions applying to handling of the product should be considered. Dangerous for the environment. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.
<b>Disposal methods</b>	Empty containers must not be punctured or incinerated because of the risk of an explosion. Waste is classified as hazardous waste.
<b>Waste class</b>	08 04 09

### 14. Transport information

#### UN Number

UN No. (TDG)	1263
UN No. (IMDG)	1263
UN No. (ICAO)	1263
UN No. (DOT)	1263

#### UN proper shipping name

Proper shipping name (TDG)	PAINT
Proper shipping name (IMDG)	PAINT
Proper shipping name (ICAO)	PAINT

#### Transport hazard class(es)

TDG class	3
TDG label(s)	3
IMDG Class	3
ICAO class/division	3

#### Transport labels



#### Packing group

TDG Packing Group	II
IMDG packing group	II
ICAO packing group	II
DOT packing group	II

#### Environmental hazards

##### Environmentally Hazardous Substance



#### Special precautions for user

EmS	F-E, S-E
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### 15. Regulatory information

**IRABOND 9924 A****16. Other information**

<b>General information</b>	Only trained personnel should use this material.
<b>Revision date</b>	2/10/2021
<b>Revision</b>	5
<b>Supersedes date</b>	11/2/2020
<b>SDS No.</b>	20751
<b>Hazard statements in full</b>	H225 Highly flammable liquid and vapor. H226 Flammable liquid and vapor. H301 Toxic if swallowed. H311 Toxic in contact with skin. H314 Causes severe skin burns and eye damage. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H318 Causes serious eye damage. H319 Causes serious eye irritation. H331 Toxic if inhaled. H335 May cause respiratory irritation. H336 May cause drowsiness or dizziness. H341 Suspected of causing genetic defects. H370 Causes damage to organs . H373 May cause damage to organs through prolonged or repeated exposure. H400 Very toxic to aquatic life. H410 Very toxic to aquatic life with long lasting effects. H411 Toxic to aquatic life with long lasting effects.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.