



**SAFETY DATA SHEET  
ITW RELEASE AGENT**

## 1. Identification

### Product identifier

**Product name** ITW RELEASE AGENT

**Product number** Y0064

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

**Application** Releasing agent.

### 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  
mail@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. Aerosol 1 - H222 Press. Gas, Compressed - H280

**Health hazards** Eye Irrit. 2A - H319

**Environmental hazards** Not Classified

### Label elements

#### Pictogram



#### Signal word

Danger

#### Hazard statements

H222 Extremely flammable aerosol.  
H280 Contains gas under pressure; may explode if heated.  
H319 Causes serious eye irritation.

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<b>Precautionary statements</b>	<p>P210 Keep away from heat, sparks, open flames and hot surfaces. No smoking.</p> <p>P211 Do not spray on an open flame or other ignition source.</p> <p>P251 Pressurized container: Do not pierce or burn, even after use</p> <p>P264 Wash contaminated skin thoroughly after handling.</p> <p>P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.</p> <p>P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P337+P313 If eye irritation persists: Get medical advice/ attention.</p> <p>P410+P403 Protect from sunlight. Store in a well-ventilated place.</p> <p>P412 Do not expose to temperatures exceeding 50°C/122°F.</p>
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### Other hazards

This product does not contain any substances classified as PBT or vPvB.

### 3. Composition/information on ingredients

#### Mixtures

<b>ACETONE</b>	<b>10-30%</b>
CAS number: 67-64-1	
<b>Classification</b>	
Flam. Liq. 2 - H225	
Eye Irrit. 2 - H319	
STOT SE 3 - H336	
<b>PROPAN-2-OL</b>	<b>5-10%</b>
CAS number: 67-63-0	
<b>Classification</b>	
Flam. Liq. 2 - H225	
Eye Irrit. 2 - H319	
STOT SE 3 - H336	

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>	Show this safety data sheet to the doctor in attendance
<b>Inhalation</b>	If spray/mist has been inhaled, proceed as follows. 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.
<b>Ingestion</b>	Do not induce vomiting. Give plenty of water to drink. Get medical attention.
<b>Skin Contact</b>	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. Continue to rinse for at least 15 minutes and get medical attention. Get medical attention if irritation persists after washing.

#### 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.
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**Inhalation** May cause respiratory system irritation. Coughing, chest tightness, feeling of chest pressure. May cause drowsiness or dizziness.

**Skin contact** May cause irritation.

**Eye contact** Severe irritation, burning, tearing and blurred vision.

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

**Notes for the doctor** No specific recommendations. If in doubt, get medical attention promptly.

### 5. Fire-fighting measures

#### Extinguishing media

**Suitable extinguishing media** Extinguish with alcohol-resistant foam, carbon dioxide or dry powder. Containers close to fire should be removed or cooled with water.

**Unsuitable extinguishing media** Water.

#### Special hazards arising from the substance or mixture

**Specific hazards** Extremely flammable aerosol. May explode when heated or when exposed to flames or sparks. Pressurised container: may burst if heated Bursting aerosol containers may be propelled from a fire at high speed.

**Hazardous combustion products** Toxic gases or vapors. Carbon dioxide (CO<sub>2</sub>). Carbon monoxide (CO).

#### Advice for firefighters

**Protective actions during firefighting** Avoid breathing fire gases or vapors. Keep up-wind to avoid fumes. Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk.

**Special protective equipment for firefighters** Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

### 6. Accidental release measures

#### Personal precautions, protective equipment and emergency procedures

**Personal precautions** No smoking, sparks, flames or other sources of ignition near spillage. Avoid inhalation of spray mist and contact with skin and eyes. Wear protective clothing as described in Section 8 of this safety data sheet. Provide adequate ventilation.

#### Environmental precautions

**Environmental precautions** Do not discharge into drains or watercourses or onto the ground. Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body.

#### Methods and material for containment and cleaning up

**Methods for cleaning up** Absorb spillage with sand or other inert absorbent. Collect and place in suitable waste disposal containers and seal securely. Containers with collected spillage must be properly labeled with correct contents and hazard symbol. Stop leak if safe to do so. Eliminate all ignition sources if safe to do so. No smoking, sparks, flames or other sources of ignition near spillage.

**Reference to other sections** Wear protective clothing as described in Section 8 of this safety data sheet.

### 7. Handling and storage

#### Precautions for safe handling

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**Usage precautions** Provide adequate ventilation. Handle and open container with care. Avoid inhalation of vapors and spray/mists. Keep away from sources of ignition - No smoking. Static electricity and formation of sparks must be prevented. Do not eat, drink or smoke when using the product. Good personal hygiene procedures should be implemented. Pressurized container: Do not pierce or burn, even after use. Ground/bond container and receiving equipment.

### Conditions for safe storage, including any incompatibilities

**Storage precautions** Store in tightly-closed, original container in a dry, cool and well-ventilated place. Keep away from sources of ignition - No smoking. 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

**Ingredient comments** WEL = Workplace Exposure Limits

### Exposure controls

#### Protective equipment



#### Appropriate engineering controls

Provide adequate general and local exhaust ventilation. Observe any occupational exposure limits for the product or ingredients.

#### Eye/face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. Unless the assessment indicates a higher degree of protection is required, the following protection should be worn: Tight-fitting safety glasses. Personal protective equipment for eye and face protection should comply with OSHA 1910.133.

#### Hand protection

Wear protective gloves made of the following material: Rubber or plastic. 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 selected gloves should have a breakthrough time of at least 8 hours.

#### Other skin and body protection

Wear chemical protective suit.

#### Hygiene measures

Provide eyewash station and safety shower. Good personal hygiene procedures should be implemented. Wash hands and any other contaminated areas of the body with soap and water before leaving the work site.

#### Respiratory protection

If ventilation is inadequate, suitable respiratory protection must be worn. 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** Aerosol.  
**Color** White.  
**Odor** Sweetish. Ether.

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<b>Melting point</b>	<-130°C
<b>Initial boiling point and range</b>	-25°C @
<b>Flash point</b>	-100°C
<b>Evaporation rate</b>	Fast
<b>Upper/lower flammability or explosive limits</b>	Lower flammable/explosive limit: 1.8 Upper flammable/explosive limit: 9.4
<b>Vapor pressure</b>	>210 @ °C
<b>Vapor density</b>	1.91
<b>Relative density</b>	<1 @ 20 °C°C
<b>Solubility(ies)</b>	Soluble in water.
<b>Auto-ignition temperature</b>	>200°C
<b>Viscosity</b>	Non- viscous @ °C
<b>Other information</b>	Not available.

### 10. Stability and reactivity

<b>Reactivity</b>	Acids. Strong oxidizing agents. Strong reducing agents.
<b>Stability</b>	Stable at normal ambient temperatures and when used as recommended.
<b>Possibility of hazardous reactions</b>	Not available.
<b>Conditions to avoid</b>	Avoid heat, flames and other sources of ignition. Avoid heat. Avoid excessive heat for prolonged periods of time.
<b>Materials to avoid</b>	Strong oxidizing agents. Strong reducing agents. Avoid contact with acids. Alkalis - inorganic. Alkalis - organic.
<b>Hazardous decomposition products</b>	Fire or high temperatures create: Nitrous gases (NO <sub>x</sub> ). Oxides of the following substances: Carbon monoxide (CO). Carbon dioxide (CO <sub>2</sub> ). Vapours/gases/fumes of: Ammonia or amines. Toxic gases/vapours/fumes of: Hydrogen fluoride (HF).

### 11. Toxicological information

#### Information on toxicological effects

<b>Inhalation</b>	Harmful by inhalation. Vapors may cause drowsiness and dizziness.
<b>Eye contact</b>	Severe irritation, burning, tearing and blurred vision.
<b>Acute and chronic health hazards</b>	Prolonged and repeated contact with solvents over a long period may lead to permanent health problems. Prolonged or repeated exposure to vapors in high concentrations may cause the following adverse effects: Nausea, vomiting. Headache.

### 12. Ecological Information

<b>Ecotoxicity</b>	Avoid release to the environment.
<b>Toxicity</b>	Not considered toxic to fish.

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### Persistence and degradability

**Persistence and degradability** The product is moderately biodegradable.

### Bioaccumulative potential

**Bio-Accumulative Potential** The product is not bioaccumulating.

### Mobility in soil

**Mobility** The product is soluble in water. The product contains volatile substances which may spread in the atmosphere.

### Other adverse effects

**Other adverse effects** Not available.

## 13. Disposal considerations

### Waste treatment methods

**General information** When handling waste, the safety precautions applying to handling of the product should be considered.

**Disposal methods** Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

**Waste class** 16 05 05

## 14. Transport information

### UN Number

**UN No. (TDG)** 1950

**UN No. (IMDG)** 1950

**UN No. (ICAO)** 1950

**UN No. (DOT)** 1950

### UN proper shipping name

**Proper shipping name (TDG)** AEROSOLS

**Proper shipping name (IMDG)** AEROSOLS

**Proper shipping name (ICAO)** AEROSOLS

**Proper shipping name (DOT)** AEROSOLS

### Transport hazard class(es)

**TDG class** 2.1

**TDG label(s)** 2.1

**IMDG Class** 2.1

**ICAO class/division** 2.1

### Transport labels



### Packing group

Not applicable.

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### Environmental hazards

#### Environmentally Hazardous Substance

No.

### Special precautions for user

EmS F-D, S-U

### 15. Regulatory information

### 16. Other information

<b>Revision comments</b>	Revised formulation. NOTE: Lines within the margin indicate significant changes from the previous revision.
<b>Revision date</b>	4/26/2018
<b>Revision</b>	11
<b>Supersedes date</b>	5/8/2017
<b>Hazard statements in full</b>	H222 Extremely flammable aerosol. H225 Highly flammable liquid and vapor. H280 Contains gas under pressure; may explode if heated. H319 Causes serious eye irritation. H336 May cause drowsiness or dizziness.

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.