

X0076

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## SAFETY DATA SHEET

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REF: X0076

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1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

Product name:

DEWELD 531 ADHESIVE

Supplier:

ITW DEVCON UK

Brunel Close, Park Farm

Wellingborough, Northants NN86QX

Emergency telephone number:

01933 675299

Fax no:

01933 675765

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## 2. COMPOSITION/INFORMATION ON INGREDIENTS

Identification of the preparation

Chemical Name	CAS-No	EEC-No	Class	Weight %
METHYL METHACRYLATE	80-62-6	607-035-00-6	F;R11 Xi; R36/ 37/38-43	50
MALIC ACID	110-16-7	607-095-00-3	Xn; R22 Xi; R36 /37/38	5

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## 3. HAZARDS IDENTIFICATION

Most important hazards:

Flammable, irritating to eyes and skin

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## 4. FIRST AID MEASURES

General advice: Avoid contact with skin and eyes  
Inhalation: Move to fresh air  
Skin contact: Wash off immediately with soap and plenty of water  
Eye contact: Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician  
Ingestion: Drink plenty of water. Do not induce vomiting

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## 5. FIRE FIGHTING MEASURES

Suitable extinguishing media: Water, foam, carbon dioxide (CO2), dry chemical

Special equipment for firefighters: In the event of fire, wear self-contained breathing apparatus

Specific methods: Standard procedure for chemical fires

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## 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Avoid contact with skin and eyes

Environmental Precautions: Do not let product enter drains

Methods for cleaning up: Soak up with inert absorbent material (eg sand, silica gel, acid binder, universal binder, sawdust)

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Product name: **DEWELD 531 ADHESIVE**

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## 7. HANDLING AND STORAGE

Handling: Use only in area provided with appropriate exhaust ventilation

Storage: Keep containers tightly closed in a cool, well-ventilated place

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Chemical Name:

National occupational exposure limits:

METHYL METHACRYLATE  
MALEIC ACID

Engineering measures: Ensure adequate ventilation, especially in confined areas

- Respiratory protection: Breathing apparatus with filter
- Hand protection: solvent-resistant gloves
- Eye Protection: safety glasses
- Skin and body protection:

Hygiene measures: Keep away from food, drink and animal feeding stuffs

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Form: Viscous liquid      Colour: off-white      Odour: pungent

pH: (50g/l H<sub>2</sub>O) <7 (20°C)

Boiling point: 101 °C

Flash point: 10.6 °C

Explosion limits: -lower 2.0 Vol % - upper 12.5 vol %

Relative density: -lower 1.03 (20°C)

## 10. STABILITY AND REACTIVITY

Stability: Stable

Conditions to avoid: Heating can release vapours which can be ignited

Materials to avoid: Oxidising agents

Hazardous decomposition products: Carbon oxides

## 11. TOXICOLOGICAL INFORMATION

Long-term toxicity: LD50 / oral / rat = 7872mg/kg (mma)  
LD50/dermal/rabbit = >35.5g/kg (mma)

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## 12. ECOLOGICAL INFORMATION

Ecotoxicity: Do not let product enter drains

## 13. DISPOSAL CONSIDERATIONS

Waste from residues/unused products: In accordance with local and national regulations  
Contaminated packaging:

## 14. TRANSPORT INFORMATION

Proper shipping name :		Adhesive	
UN No:		1133	
ADR/RID	Class	3	
IMO	Class	3	HI/UN No 1133
EmS		3-05	IMDG page 3102
ICAO	Class	3	MFAG 330
			UN/ID No 1133

## 15. REGULATORY INFORMATION

Classification according to European directive on classification of hazardous preparations 93/21/EEC

Contains: METHYL METHACRYLATE, MALEIC ACID  
Symbol(s):



R-phrase(s): F - Highly Flammable  
R43 - May cause sensitisation by skin contact, R36/37/38 - irritating to eyes, respiratory system and skin

S-phrase(s): S9 - Keep container in a well ventilated place.. S16 - Keep away from sources of ignition - no smoking.. S26 - In case of contact with eyes rinse immediately with plenty of water and seek medical advice.. S28 - After contact with skin, wash immediately with plenty of water.. S29 - Do not empty into drains.. S33 - Take precautionary measures against static discharge.. S37 -Wear suitable gloves..

## OTHER INFORMATION

Recommended use:

Recommended restrictions:

The information provided in this Safety Data sheet is correct to the best of our knowledge, information and belief at the date of its publication.

FOR ACTIVATOR SEE X0077

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## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

Product name:  
Supplier:

### DEWELD 531 ACTIVATOR

ITW DEVCON UK  
Brunel Close, Park Farm  
Wellingborough, Northants NN86QX  
01933 675299  
01933 675765

Emergency telephone number:  
Fax no:

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

Identification of the preparation

Chemical Name	CAS-No	EEC-No	Class	Weight %
METHYL METHACRYLATE	80-62-6	607-035-00-6	F, R11 Xi; R36/37/38-43	<80

## 3. HAZARDS IDENTIFICATION

Most important hazards: Flammable, irritating to eyes and skin

## 4. FIRST AID MEASURES

General advice: Avoid contact with skin and eyes  
Inhalation: Move to fresh air  
Skin contact: Wash off immediately with soap and plenty of water  
Eye contact: Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician  
Ingestion: Drink plenty of water. Do not induce vomiting

## 5. FIRE FIGHTING MEASURES

Suitable extinguishing media: Water, foam, carbon dioxide (CO2), dry chemical  
Special protective equipment for firefighters: In the event of a fire wear self contained breathing apparatus.  
Specific methods: Standard procedure for chemical fires

## 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Avoid contact with skin and eyes  
Environmental Precautions: Do not let product enter drains  
Methods for cleaning up: Soak up with inert absorbent material (eg sand, silica Gel, Acid binder, Universal binder, sawdust)

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## 7. HANDLING AND STORAGE

Handling: Use only in area provided with appropriate exhaust ventilation

Storage: Keep containers tightly closed in a cool, well ventilated place

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Chemical Name:

National occupational exposure limits:

METHYL METHACRYLATE

Engineering measures

Ensure adequate ventilation, especially in confined areas

- Respiratory protection:

Breathing apparatus with filter

- Hand protection:

Solvent-resistant gloves

- Eye Protection:

Safety glasses

- Skin and body protection:

Hygiene measures:

Keep away from food, drink and animal feeding stuffs

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Form: Viscous liquid

Colour:

Odour: pungent

pH: (50g/l H<sub>2</sub>O) 8.5 (20 ° C)

Boiling point / range 101° C

Flash point: 10.6° C

Flammability (solid, gas) liquid

Evolution Limits -lower 2.0 Vol % - upper 12.5 Vol %

Relative density: -lower 0.97 (20° C)

## 10. STABILITY AND REACTIVITY

Stability: Stable

Conditions to avoid: Heating can release vapours which can be ignited

Materials to avoid: Oxidising agents

Hazardous decomposition products: Carbon oxides

## 11. TOXICOLOGICAL INFORMATION

Long term toxicity: LD50 / oral / rat - 7872mg/kg(mma)  
LD50 / Dermal / rabbit = >35.5g/kg (mma)

## 12. ECOLOGICAL INFORMATION

Mobility: Do not let product enter drains

Product name: **DEWELD 531 ACTIVATOR**

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### 13. DISPOSAL CONSIDERATIONS

Waste from residues/unused products: In accordance with local and national regulations

### 14. TRANSPORT INFORMATION

		Proper shipping name:		Adhesives	
ADR/RID	Class	3	UN/No:	1133	
IMO	Class	3	HI/UN No	1133	
	EmS	3-05	IMDG page	3102	
ICAO	Class	3	MFAG	330	
			UN/ID No	1133	

### 15. REGULATORY INFORMATION

Classification according to European directive on classification of hazardous preparations 93/21/EEC

- Contains: **METHYL METHACRYLATE**

- Symbol(s):



F - Highly Flammable



Xi - Irritant

R-phrase(s): R36/37/38 - Irritating to eyes, respiratory system and skin

S-phrase(s): S9 - Keep container in a well-ventilated place..S15 - Keep away from heat..S16 - Keep away from sources of ignition - no smoking..S26 - In case of contact with eyes rinse immediately with plenty of water and seek medical advice..S29 - Do not empty into drains..S33 - Take precautionary measures against static discharges

### OTHER INFORMATION

Recommended use:

Recommended restrictions:

The information provided in this Safety Data sheet is correct to the best of our knowledge, information and belief at the date of its publication.