

查询"21500"供应商

703 9517

**SAFETY DATA SHEET**PAGE: 1 of 3  
PRINT DATE: 13/10/97  
REF: X0076**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

**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

**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 equipment for firefighters: In the event of 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)

X0076

[查询"21500"供应商](#)

Product name: **DEWELD 531 ADHESIVE**

PAGE: 2 of 3  
 PRINT DATE: 13/10/97  
 REF: X0076

**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: **METHYL METHACRYLATE  
 MALEIC ACID** National occupational exposure limits:

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)

X0076

[查询"21500"供应商](#)

**Product name:** **DEVWELD 531 ADHESIVES**

PAGE: 3 of 3  
PRINT DATE: 13/10/97  
REF: X0076

**12. ECOLOGICAL INFORMATION**

Precaution: 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	
ADR/RID	Class	UN No:	1133
		3	
IMO	Class	HI/UN No	1133
EmS		IMDG page	3102
		3-05	
ICAO	Class	MFAG	330
		3	
		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):



F - Highly Flammable

Xi - Irritant

R-phrase(s): 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

X0077

[查询"21500"供应商](#)

# SAFETY DATA SHEET

PAGE: 1 of 3  
PRINT DATE: 13/10/97  
REF: X0077

## 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)

[查询"21500"供应商](#)

Product name: **DEWELD 531 ACTIVATOR**

PAGE: 2 of 3  
PRINT DATE: 13/10/97  
REF: X0077

## 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: **METHYL METHACRYLATE** National occupational exposure limits:

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

[查询"21500"供应商](#)

Product name: **DEWELD 531 ACTIVATOR**

PAGE: 3 of 3  
PRINT DATE: 13/10/97  
REF: X0077

**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	UN/No:		1133	
		3			
			HI/UN No		1133
IMO	Class	3	IMDG page		3102
	EmS	3-05	MFAG		330
ICAO	Class	3	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.