

1.0	Identification of the substance / preparation and the company / undertaking		
1.1	Product Name Paslode Fuel Cell		
1.2	Supplier ITW Construction Products Fleming Way Crawley West Sussex RH10 9DP England		
1.3	Emergency Telephone Number 44 (0) 1293 523372		
2.0	Composition / information on ingredients		
2.1	Chemical name / content % / MAK-value / TRK-value / BAT-value n-Butane; 45 - 65; MAK 1000ppm (2350 mg/m³); CAS 106-97-8 Propene; 30 - 50; MAK 10,000ppm; CAS 115-07-1 Propane; 5 - 10; MAK 1000ppm (1800 mg/m³); CAS 74-98-6		
3.0	Hazards identification		
3.1	<b>To people</b> See point 15. Inhalation of fumes may have narcotic effect.		
3.2	To the enviroment See point 12.		
4.0	First aid measures		
4.1	Inhalation Supply person with fresh air and consult doctor according to symptoms. Keep data sheet available.		
4.2	<b>Eye contact</b> Wash thoroughly for several minutes using ample water. Seek medical help if necessary.		
4.3	Skin contact Wash thoroughly using ample water - remove contaminated clothing immediately. If skin irritation occurs (redness, etc) consult doctor.		
4.4	Ingestion Call doctor immediately - have data sheet available.		
5.0	Fire-fighting measures		
5.1	Suitable extinguishing media Dry extinguisher, CO <sup>2</sup>		
5.2	Unsuitable fire extinguisher for reasons of safety Water.		
5.3	Special dangers caused by the substance or preparation itself, results of fire / burning, or ensuring gases In case of fire, the following can develop: Danger of explosion by prolonged heating. Gases hazardous to health.		
5.4	<b>Special protective equipment for fire fighting</b> Protective respirator with independent air supply. According to size of fire. Full protection, if necessary.		
6.0	Accidental release measures		
6.1	Personal precautions Remove possible causes of ignition - do not smoke. Ensure sufficient supply of air. Avoid inhaling.		
6.2	Environmental measures If leakage occurs, dam up.		
6.3	Procedure for cleaning up If spray or gas escapes, ensure ample fresh air is available.		
7.0	Handling and storage		
7.1	Handling		
7.1.1	<b>Tips for safe handling</b> Observe directions on label. Keep away from sources of ignition - do not smoke. Ensure good ventilation.		

## ITW Construction Products **Safety Data Sheet** According to EEC Regulation 91/155/EEC

7.2	Storage			
7.2.1	Requirements for storage rooms and containers Not to be stored in gangways or stair wells. Do not store with flammable or self-igniting materials. Observe regulations for keeping separated. Only store products unopened, in original packing.			
7.2.2	Observe special regulations for aerosols. Prohibitions for joint storage Observe TRGS 514 Observe TRGS 515 Observe TRGS 510			
7.2.3	Observe TRG 300 Special storage conditions See point 10.2 Keep protected from direct sunlight and temperatures over 50°C.			
8.0	Exposure controls / persona	l protection		
	Chemical name / content % / MAK-value / TRK-value / BAT-value n-Butane; 45 - 50; MAK 1000ppm (2350 mg/m <sup>3</sup> ) Propene; 30 - 50; MAK 10,000ppm Propane; 5 - 10; MAK 1000ppm (1800 mg/m <sup>3</sup> )			
8.1	Respiratory protection Only if MAK-value is exceeded (AX).			
8.2	Hand protection Chemical resistant protective gloves.			
8.3	Eye protection Protective goggles.			
8.4	Body protection Protective working garments.			
9.0	Physical and chemical properties			
	Appearance / odour	Aerosol		
	Physical state Odour	n.v.		
	Colour	n.v.		
	pH-value undiluted Flammability (solid/gas)	n.v. Yes		
	<b>Danger of explosion (vol %)</b> Minimum limit of explosion Maximum limit of explosion	1.5 - 2.0 (main substrates) 8.5 - 11.7 (main substrates)		
	Further specification Vapour pressure	7 bar / 20°C; 116 bar / 50°C		
10.0	Stability and reactivity			
10.1	<b>Conditions to avoid</b> See point 7. Pressure increase will lead to danger of bursting. Heating, open flame, ignition sources.			
10.2	Materials to avoid See point 7. Avoid contact with oxidizing agents. Avoid contact with other chemicals.			
10.3	Hazardous decomposition products See point 5.3			
11.0	Toxicological information			
<b>11.1</b> 11.1.1 11.1.2 11.1.3 11.1.4	Acute toxicity Ingestion, LD50 rat oral (mg/kg) Inhalation, LC50 rat inhal (mg/l/4h) Skin contact, LD50 rat dermal (mg/kg) Eye contact	n.v. n.v. n.v. Yes		
<b>11.2</b> 11.2.1 11.2.2 11.2.3 11.2.4 11.2.5	Chronic effects Sensitization Carcinogenicity Mutagenicity Reproductive toxicity Narcosis	n.g. n.g. n.g. n.g. n.g.		
11.3	Further specification n.v.			
12.0	Ecological information			
12.1 12.2 12.3 12.4	Acute toxicity Water hazard class Self classification acc. to VCI Degradability	0 VwVwS (German regulation) n v		

12.5 12.6	Aquatic toxic Ecological to	,	n.v. n.v.		
13.0	Disposal	considerations			
13.1	For the material / preparation / residue EEC disposal code no 16 05 04 Recommendation: Pay attention to local and national official regulations. E.g. dispose at suitable refuse site.				
13.2	For contaminated packing material See point 13.1.3 / 13.1.4 Pay attention to local and national official regulations.				
14.0	Transport information				
	General statements UN-Number 1950				
	Road / Rail- GGVS / ADR GGVE / RID 1950 aerosol		<b>GGVE / RID)</b> 2 / 10b / 2 (class / number) 2 / 10b / 2 (class / number)		
	Transport by GGVE See / I EmS-Number	MDG-code r	9 / 9022 / - (class / code / packing group) 2-13		
	MFAG-Numb Marine Pollut		(620) n.a.		
	Transport by ICAO / IATA-		2.1 / - / - (class / secondary danger / packing group)		
	Additional information Minimum amount regulations have not been taken into account.				
15.0	Regulatory information				
	Classification according to Dangerous Product Regulations incl. EEC Guidelines (67/548/EEC and 88/379/EEC)				
	Symbol: F+         R - phrase(s)         R12       Extremely flammable.         R18       In use, may form flammmable / explosive vapourair mixture.         S - phrase(s)         S9       Keep container in a well ventilated place.         S23       Do not breathe gas / fumes / vapour / spray.				
	<ul> <li>S51 Use only in well ventilated areas.</li> <li>Additions Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, ever after use. Do not spray on a naked flame or any incandescent material. Keep away from sources of ignition - no smoking. Keep out of the reach of children.</li></ul>				
16.0	Other info	ormation			
	These details refer to the product as it is delivered.				
	Further advice and assistance may be obtained from our Technical Help Lir on freephone 0800 731 4924.				
17.0	Legend				
	n.a.	Not applicable			
	n.v.	Not available			
	n.g.	Not checked			
	VbF	Regulations for flammable			
	MAK BAT	Boilogical tolerance for w	per work place in ml/m <sup>3</sup> - ppm		
	TRbF	Technical regulations for	•		
	WGK	Water Hazard Class			
	WGK3	Very hazardous to water			
	WGK2	Hazardous to water			
	WGK1	Slightly hazardous to wat	er		
	WGK0	Generally not hazardous	to water		
	The statements made here should describe the product with regard to the necessary safety precautions - they are not meant to guarantee definite characteristics - but they are based on our present up-to-date knowledge. No responsibility.				

