DME RISKS

FLAMMABILITY

	DME	ISOBUTANE	CO2
LEL	3.4%	1.8%	
UEL	27.0%	8.4%	Non Flammable
AUTOIGNITION	350 °C	480 °C	
SPECIFIC GRAVITY	1.59	2.00	1.52

TOXICITY

TLV	N/A inflammation ocular membranes powerful narcotic unconsciousness, suffocation	N/A (500 PPM?) narcotic unconsciousness, suffocation	5000 PPM 3 - 5% headaches 8 - 15% nausea, unconsciousness > 15% coma, death cerebral vasodilator

MATERIALS COMPATIBILITY

many elastomers attacked absorbs into some plastics OK all metals	some elastomers attacked absorbs into some plastics OK all metals	OK most elastomers OK all metals (if dry)

AGEING (%/C/cm-wire)

? ?

Pure Gas	3 - 6, 100	pure Ar/Et 11 - 1200	Ar/CO2/CH4 mixtures 2 - 200 *
epoxies	4 - 20		
RTV	380 -1250	Ar/Et 100 *	
Buna-N	14		
Latex	5 - 7		
neoprene	4		
LDPE	7 - 18		
urethane	70 -290		
Kapton Tape	11 - 450		
UV glue	> 6000		