APPENDIX 1

SUMMARY TABLE OF GENETIC AND RELATED EFFECTS

Nonmammalian systems										Ma	mmali	an sys	tems																									
		Lower eukaryotes			Plants			Insects			In vitro														In v	In vivo												
												imal c							Human cells							Animals							Humans					
D G	D	R	G A	D	G	С	R	G	С	Α	D	G	S	М	С	A	Т	I	D	G S		М	С	Α	т	1	D	G	S	М	С	DL	Α	D	s	м	С	
Petroleur Rubber		ts																						-														*****
Another	special t	oilin _'	g range s	olvent											1						_1		+'															
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Toluene								-	_1	+'	+1						_'				?		?							+	+				?		?	
Xylene																	_1				?		?							_1	·				?			
Cyclohexa _'	anone																						+	 + '							+ [,]				•			
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1,2-Epoxy + +			+					+	+'		_1	+	+'		+'		+										<u> </u>											
Bis(2,3-er + '		oper	ityl)ethei	r																	+1									+ 1								<u></u>
Glycidyl e Alkyl (C		/cidy	ethers												•									d 														

Appendix 1. Summary table of genetic and related effects

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Allyl glycidyl ether

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Nonmammalian systems											mma	lian sy	/stems																								
Prokary- otes	Lower eukaryotes	Lower eukaryotes			Plants			Insects																In	In vivo												
										Ani	imal o	cells					······	- Hu	ıman (cells						An	imals						Hur	mans			
DG	DR	G A	D	G	С	R	G	С	A	D	G	S	М	С	A	Т	I	D	G	s	М	С	A	Т	I	D	G	s	М	С	DL	A	D	s	м	С	
Bisphenc	A diglycidyl	ether	******											•														• • • • • • • •									
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	l phenyl glycid	yi ether																																			
+		•																																			
	cidyl ether.																																				
+																																				?	
	l glycol diglyc	dyl ethe	r					•																													
+1																																					
Phenol																																					
-		?					-			_1	+ 1						_			+									+								
Antimony + ¹	trioxide										• • • • • • • • • •																			 .			· · · ·			<u> </u>	
Titanium o	lioxide																															• • • • •					

A, aneuploidy; C, chromosomal aberrations; D, DNA damage; DL, dominant lethal mutation; G, gene mutation; I, inhibition of intercellular communication; M, micronuclei; R, mitotic recombination and gene conversion; S, sister chromatid exchange; T, cell transformation

In completing the tables, the following symbols indicate the consensus of the Working Group with regard to the results for each endpoint:

+ considered to be positive for the specific endpoint and level of biological complexity

+¹ considered to be positive, but only one valid study was available to the Working Group.

- considered to be negative

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-1 considered to be negative, but only one valid study was available to the Working Group

? considered to be equivocal or inconclusive (e.g., there were contradictory results from different laboratories; there were confounding exposures; the results were equivocal)

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