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**Study of Icynene Soft Foam Insulation
Performed by
Saskatchewan Research Council
Summary Report 1-4801-9-C-94 May 1994**

Detection of VOC's and Measurements of Rates of Decay

Summary of Results

Compound detected*	1	2	3	4	5
Permissible concentration (TLV)	NE	NE	NE	NE	NE
Detection limit PPM	0.0016	0.00014	0.0013	0.00054	0.00033

Concentration detected - PPM

1 hour	0.27	0.03	0.05	N	N
12 hours	0.26	0.012	0.008	N	N
1 day	0.02	N	N	N	N
2 days	N	N	N	0.08	N
4 days	N	N	N	0.08	0.01
7 days	N	N	N	0.06	0.008
14 days	N	N	N	0.009	N
30 days	N	N	N	N	N

N=None detected

NE=None established

PPM= Parts per million

***Identification of compounds**

- 1 Proprietary amine
- 2 2-pentanal, 2 methyl
- 3 Chlorobenzene
- 4 Proprietary amine
- 5 Phenol 2, 6-bis (1.1-dimethylethyl) 4-methyl

Convert to mg/m³ divide by

0.27

0.25

0.23

0.17

0.11

The Icynene Insulation System®