

Brand på en fabrik för produktion av bl.a. färgämnen.

930610 MARS 1993_11

En brand uppstod bland lösningsmedel och färgämnen. All personal utrymdes och räddningstjänsten och polisen larmades. Även allmänheten varnades.

Inblandade ämnen och mängder

	CAS Nr.	Mängd
toluen	108-88-3	300 kg
xylén		30 kg
testbenzine (?)		500 kg
butylacetat		300 kg
alkohol		450 kg
butylglykol		140 kg
butyldiglykolacetat		60 kg
alkyder, acrylresin, färger m.m.		9000 kg

Skador:

Människor:	3 personer fick föras till sjukhus.
Materiella:	Förstörelse av byggnader och utrustning.
Miljö/ekologi:	Inga effekter rapporterade.
Infrastruktur:	Allmänheten varnades och uppmanades att stanna inomhus, bakom stängda dörrar och fönster.

Erfarenheter redovisade (Ja/Nej): Nej

Report Profile

Identification of Report:

country: FA ident key: 1993_011_01

reported under Seveso I directive as major accident reports: SHORT

Date of Major Occurrence: Time of Major Occurrence

start: 1993-06-10 start: 12:00:00

finish: finish:

Establishment:

name:

address:

industry: - not applicable -

Plant for production of coat of paint or coating materials or pressure-ink

Seveso II status: not applicable: Yes art. 6 (notification): No

art. 7 (MAPP): No

art. 9 (safety report): No

Date of Report:

short: full:

Authority Reporting:

name:

address:

Authority Contact:

rep_cont_name:

rep_cont_phone:

rep_cont_fax:

Additional Comments:

a) - not applicable -

b) - not applicable -

c) - not applicable -

d) - not applicable -

e) - not applicable -

Short Report

country: FA **ident key:** 1993_011_01

Accident Types:

release: No **explosion:** No

water contamination: No **other:** No

fire: Yes

description:

In the lacquer production section of the company originated a fire. Solvents and lacquers took fire. 3 employees had to be ambulatory treated.

Substance(s) Directly Involved:

toxic: No **explosive:** No

ecotoxic: No **other:** No

flammable: Yes

description:

Fire from solvents and lacquers... see Appendix Short Report / description of substances involved

Immediate Sources of Accident:

storage: No **transfer:** No

process: No **other:** No

description:

- not applicable -

Suspected Causes:

plant or equipment: No **environmental:** No

human: No **other:** No

description:

- not applicable -

Immediate Effects:

material loss: Yes

human deaths: No

human injuries: Yes **community disruption:** No

other: No

ecological harm: No

national heritage loss: No

description:

- 3 employees needed to be ambulatory treated.

- material loss (4 millions of DM) destruction of buildings, equipments and stocks.

Emergency Measures taken:

on-site systems: Yes **decontamination:** No

external services: No **restoration:** No

sheltering: Yes **other:** No

evacuation: Yes

description:

Internal to the establishment... see Appendix Short Report / description of emergency measures taken

Immediate Lessons Learned:

prevention: Yes **other:** No

mitigation: Yes

description:

The area air temperature were controlled through the mounting of an incoming and an exhaust air plant. For

higher external temperature in sommer it was reached maximum 25 oC. All the floors were treated with

conductor materials and had a T... see Appendix Short Report / description of immediate lessons learned

Appendices for the FA / 1993_011_01 report

Appendix Short Report / description of substances involved:

Fire from solvents and lacquers

about 300 kg toluene, 300 kg xylene, 500 kg testbenzine, 300 kg butylacetate, 450 kg acohol, 140 kg butylglycole. 60 kg butyldiglycolacetate and about 9000 kg alkyde and acrylresin, paints, pastes, semimanufactured articles and adjuvants.

Appendix Short Report / description of emergency measures taken:

Internal to the establishment

All the personnel was evacuated. The E-plant and the pumps were shutdown, the pipes were compartmentalized.

External to the establishment

Cautionally the population was advised by the police/firemen. Windows and doors should be closed. But measures of firemen showed not necessary, because no danger existed for the population.

Appendix Short Report / description of immediate lessons learned:

The area air temperature were controlled through the mounting of an incoming and an exhaust air plant. For higher external temperature in sommer it was reached maximum 25 oC. All the floors were treated with conductor materials and had a TAV-acceptance.

The ground of the machines, piping and steel constructions was newly conceived. There is a surveillance list with fixed measurement points. The measure values are protocollod.