

SWAPS - TOLLS -TRADES

NONE

DO A 022570
CONFIDENTIAL

CHEMICAL PROPERTIES

SUMMARY:

Physical properties, reactivity, and hazards known and documented.

STRENGTHS:

No reactive chemical concerns.

HEALTH AND ENVIRONMENTAL EFFECTS

SUMMARY:

Appropriate protective equipment worn to minimize inhalation of asbestos fibers. Air handling equipment and special procedures keep fiber level well below OSHA limits.

STRENGTHS:

Asbestos/water slurry and wet used diaphragms do not emit fibers.

Kynar bonded asbestos cell diaphragms are non-friable and are contained in cells.

PRODUCED FOR THE ASBESTOS DATABASE

DATE: 3-12-92

MASTER No. 431055 *JM*

EQUIPMENT CONSTRUCTION

SUMMARY:

Asbestos/water slurry is transported in four dedicated Dow owned tank trailers only. The two highway tank trailers which carry slurry are owned and maintained by the Texas Division. Two small tank trailers used within LAD are owned and maintained by the two owner plants. Asbestos is non-hazardous and equipment is not regulated by DOT.

STRENGTHS:

Asbestos is non-reactive.

Tank trailers Dow owned/maintained.

Inspection checklist completed on all tank trucks.

No other products are loaded into tanks.

PRODUCED FOR THE ASBESTOS DATABASE

DATE: 3-12-92

MASTER No. 431055 *ML*

LOADING PROCEDURES

SUMMARY:

Loading includes asbestos/water slurry shipped out of the division and new asbestos cathode diaphragms-within chlorine cells-shipped out of the division. Loading is done by Dow and contract personnel. Tarping and lashing down is done by drivers.

STRENGTHS:

Asbestos E/R team.

Product is non-hazardous.

Written procedures.

OPPORTUNITIES FOR IMPROVEMENT:

Documented training for employees involved in loading.

Regularly review and update procedures.

PRODUCED FOR THE ASBESTOS DATABASE

DATE: 3-12-92

MASTER No. 431055 *JM*

IN ROUTE PROCEDURES

SUMMARY:

Asbestos is non-hazardous. However, it is regulated by ORMC: Spills over one pound must be reported. Various carriers are used. There are no contracts with the carriers. Drivers have been trained and tested by their employers and have received undocumented verbal instructions from Dow.

STRENGTHS:

Asbestos E/R team.

Product is non-hazardous.

OPPORTUNITIES FOR IMPROVEMENT:

Provide specific written instruction to drivers regarding highway emergencies involving asbestos. Request carriers provide emergency response training for the drivers.

PRODUCED FOR THE ASBESTOS DATABASE

DATE: 3-12-92

MASTER No. 431055 JH

UNLOADING PROCEDURES

SUMMARY:

Unloading includes incoming bags of friable asbestos and used cell diaphragms. Unloading is done by Dow and contract personnel.

STRENGTHS:

Operating personnel have proper respiratory/safety equipment and are trained in unloading procedures.

Sampling indicates low exposure levels.

Written procedures.

OPPORTUNITIES FOR IMPROVEMENT:

Updating procedures.

Documenting training of all block personnel involved in unloading.

Regularly review and update procedures.

OUTPLANT CONTRACTS

NONE

INVENTORY PRACTICES OF FULL CONTAINERS

SUMMARY:

Empty highway tank trailers (two total) are filled on "As Neec basis, hauled to destination and off-loaded into hold tanks. The small tank trailers in LAD are off-loaded directly into opera cells and serve as mobile hold tanks.

STRENGTHS:

Tank truck's securement confirmed by checklist.