



U.S. Department of Transportation
Research and Special Programs Administration

Hazardous Materials Incident Report

Form Approval OMB No. 3137-0039

According to the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 2137-0039. The filling out of this information is mandatory and will take 96 minutes to complete.

INSTRUCTIONS

Submit this report to the Information Systems Manager, U.S. Department of Transportation, Pipeline and Hazardous Materials Safety Administration, Office of Hazardous Materials Safety, DHM-63, Washington, D.C. 20590-0001. If space provided for any item is inadequate, use a separate sheet of paper, identifying the entry number being completed. Copies of this form and instructions can be obtained from the Office of Hazardous Materials Website at <http://hazmat.dot.gov>. If you have any questions, you can contact the Hazardous Materials Information Center at 1-800-HMR-4922 (1-800-467-4922) or online at <http://hazmat.dot.gov>.

PART I - REPORT TYPE

1. Incident Id: I-2005021042
2. This is to report: A

PART II - GENERAL INCIDENT INFORMATION

3. Date of Incident:
01/31/2005
4. Time of Incident (use 24-hour time):
05:29
5. Enter National Response Center Report Number (if applicable):
748807
6. If you submitted a report to another Federal DOT agency, enter the agency and report number:
7. Location of Incident:
City: TARENTUM
County: ALLEGHENY
State: PA
Zip Code: (if known):
Street Address/Mile Marker/Yard Name/Airport/Body of Water/River Mile:
MILEPOST LC 58.9
8. Mode of Transportation: Rail
9. Transportation Phase: In Transit
10. Carrier/Reporter:
Name: NORFOLK SOUTHERN RAILWAY COMPANY
Street: 110 FRANKLIN ROAD S E
City: ROANOKE
State: VA
Zip Code: 24042-0013
Federal DOT Id Number: 555
Hazmat Registration Number: 060603450002LN
11. Shipper/Officer:
Name: SOLVAY CHEMICALS INC
Street:
City: EL PASO
State: TX
Zip Code:
Waybill/Shipping Paper: BNSF825341
Hazmat Registration Number:
12. Origin (if different from shipper address)
Street: SOLVAY FLUOR MEXICO S.A.
City: CHICAGO
State: IL
Zip Code:
13. Destination:
Street: SOLVAY SOLEXIS, 10 LEONARDS LANE
City: THOROFARE
State: NJ
Zip Code: 08086
14. Proper Shipping Name of Hazardous Material: HYDROGEN FLUORIDE, ANHYDROUS
15. Technical/Trade Name:
16. Hazardous Class/Division: Corrosive Material
17. Identification Number: (E.g. UN2764, NA 2020) UN1052

PART IV – CONSEQUENCES

30. Result of Incident (check all that apply):

- | | | | |
|---------------------------|-------|--|-------|
| - Spillage: | True | - Fire: | False |
| - Explosion: | False | - Material Entered Waterway/Storm Sewer: | False |
| - Vapor (Gas) Dispersion: | False | - Environmental Damage: | False |
| - No Release: | False | | |

31. Emergency Response: The following entities responded to the incident: (Check all that apply)

- Fire/EMS Report #: False
Police Report #: False
In-house cleanup: True
Other Cleanup: True

32. Damages Was the total damage cost more than \$500?

True

If yes, enter the following information: (If no, go to question 33.)

Material Loss: \$ 15,000.00
Carrier Damage: \$ 150,000.00
Property Damage: \$ 5,000.00
Response Cost: \$ 1,000,000.00
Remediation/Cleanup Cost: \$ 100,000.00
(See damage definitions in the instructions)

33a. Did the hazardous material cause or contribute to a human fatality?

False

If yes, enter the number of fatalities resulting from the hazardous material:

Employees: 0
Responders: 0
General Public: 0

33b. Were there human fatalities that did not result from the hazardous material?

False

If yes, how many? 0

34. Did the hazardous material cause or contribute to personal injury?

False

If yes, enter the number of injuries resulting from the hazardous material:

Hospitalized (Admitted Only):

Employees: 0
Responders: 0
General Public: 0

Non-Hospitalized:

(e.g.: On site first aid or Emergency Room observation and release)

Employees: 0
Responders: 0
General Public: 0

35. Did the hazardous material cause or contribute to an evacuation?

True

If yes, provide the following information:

Total number of general public evacuated: 260
Total number of employees evacuated: 0
Total evacuated: 260
Duration of the evacuation: 54

36. Was a major transportation artery or facility closed?

True

If yes, how many? 54

37. Was the material involved in a crash or derailment?

True

If yes, provide the following information:

Estimated speed (mph): 25
Weather conditions: CLEAR
Vehicle overturned? True
Vehicle left roadway/track? True

PART V - AIR INCIDENT INFORMATION (please refer to S 175.31 to report a discrepancy for air shipments)

38. Was the shipment on a passenger aircraft?

If yes, was it tendered as cargo, or as passenger baggage?

39. Where did the incident occur (if unknown, check the appropriate box for the location where the incident was discovered)?

40. What phase(s) had the shipment already undergone prior to the incident? (Check all that apply)

- | | |
|--|--|
| - Shipment had not been transported | - Transported by air (first flight) |
| - Transport by air (subsequent flights) | - Initial transport by highway to cargo facility |
| - Transfer at sort center/cargo facility | |

PART VI - DESCRIPTION OF EVENTS & PACKAGE FAILURE

- Describe the sequence of events that led to the incident and the actions taken at the time it was discovered. Describe the package failure, including the size and location of holes, cracks, etc. Photographs and diagrams should be submitted if needed for clarification. Estimate the duration of the release, if possible. Describe what was done to mitigate the effects of the release. Continue on additional sheets if necessary.

Describe:

GATX 44765 WAS INVOLVED IN A MULTICAR DERAILMENT RESULTING IN DAMAGE TO THE PROTECTIVE HOUSING AND VALVES ON TOP OF THE CAR. THE DAMAGED CAR DERAILED INTO THE ALLEGHENY RIVER. WATER ENTERED THE CAR AND DILUTED THE REMAINING PRODUCT IN THE TANK TO APPROXIMATELY A 27% SOLUTION. THERE WAS NO FISH KILL OR OBVIOUS DISTRESS TO THE AFFECTED WATERWAY ACCORDING TO THE PENNSYLVANIA DEPARTMENT OF FISH AND GAME. THERE WERE NO INJURIES OR EXPOSURES. THE ONE-HALF MILE EVACUATION WAS PRECAUTIONARY AND IN ACCORDANCE WITH EMERGENCY RESPONSE GUIDELINES. THE DILUTED MATERIAL WAS TRANSFERRED TO ANOTHER TANK CAR FOR TRANSPORTATION AND FURTHER HANDLING, TREATMENT AND DISPOSAL. THE DERAILMENT REMAINS UNDER ACTIVE INVESTIGATION.

PART VII - RECOMMENDATIONS/ACTIONS TAKEN TO PREVENT RECURRENCE

- Where you are able to do so, suggest or describe changes (such as additional training, use of better packaging, or improved operating procedures) to help prevent recurrence. Provide recommendations for improvement to hazardous materials transportation beyond the control of your individual company. Continue on additional sheets if necessary.

Describe:

NO ADDITIONAL COMMENTS.

PART VIII – CONTACT INFORMATION

Contact's Name:	MIKE STINER
Contact's Title:	ASST MGR HAZMAT
Business Name and Address:	NORFOLK SOUTHERN RAILWAY COMPANY 125 SPRING STREET SW ATLANTA GA 30303
E-mail Address:	MESTINER@NSCORP.COM
Telephone Number:	(404)529-2242
Fax Number:	(404)527-2630
Hazmat Registration Number:	
Date:	02/08/2005
Preparer is:	Carrier

12/01/1974