



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: E-2014080395
2. This is to report: A

PART II - GENERAL INCIDENT INFORMATION

3. Date of Incident:
07/24/2014
4. Time of Incident (use 24-hour time):
08:34
5. Enter National Response Center Report Number (if applicable):
6. If you submitted a report to another Federal DOT agency, enter the agency and report number:
7. Location of Incident:
- City: CHARLOTTE
County: MECKLENBURG
State: NC
Zip Code: (if known): 28216
Street Address/Mile Marker/Yard Name/Airport/Body of Water/River Mile:
8. Mode of Transportation: Highway
9. Transportation Phase: Loading
10. Carrier/Reporter:
- Name: Savage Services Corporation
Street: 601 North Hoskins Road
City: Charlotte
State: NC
Zip Code: 28216
Federal DOT Id Number: Hazmat Registration Number: 060812 550 072
11. Shipper/Officer:
- Name: Celanese Ltd.
Street: 222 W. Las Colinas Blvd
City: Irving
State: TX
Zip Code: 75039
Waybill/Shipping Paper: Hazmat Registration Number:
12. Origin (if different from shipper address)
- Street: 601 North Hoskins Road
City: Charlotte
State: NC
Zip Code: 28216
13. Destination:
- Street:
City:
State:
Zip Code:
14. Proper Shipping Name of Hazardous Material: VINYL ACETATE, STABILIZED
15. Technical/Trade Name:
16. Hazardous Class/Division: Flammable - Combustible Liquid
17. Identification Number: (E.g. UN2764, NA 2020) UN1301

- 18. Packing Group:** (if applicable) II
- 19. Quantity Released:** (Include Measurement Units) 334 Liquid - Gallon
- 20. Was the material shipped as a hazardous waste?** False
If yes, provide the EPA Manifest Number:
- 21. Is this a Toxic by Inhalation (TIH) material?** False
If yes, provide the Hazard Zone:
- 22. Was the material shipped under an Exemption, Approval, or Competent Authority Certificate?** False
If yes, provide the Exemption, Approval, or CA number:
- 23. Was this an undeclared hazardous materials shipment?** False

PART III - PACKAGING INFORMATION

24. Check Packaging Type (check only one - if more than one, list type of packaging, copy Part III, and complete for each type:

Cargo Tank Motor Vehicle (CTMV)

25. See instructions and enter the appropriate failure codes found at the end of the instructions. Be sure to enter the codes from the list that corresponds to the particular packaging type checked above. Enter the number of codes as appropriate to describe the incident.

Enter the most important failure point in line 1. If there are more than two failure points, provide in this format in part VI.

What Failed: - 115-Discharge Valve or Coupling

How Failed: - 308-Leaked

Causes of Failure: - Human Error

26a. Provide the packaging identification markings, if available.

Identification Markings: DOT 407 (highway)

(Examples: 1A1/Y1.4/150/92/USA/RB/93/RL, UN31H1/Y0493/USA/M9339/10800/1200, DOT - 105A - 100W (RAIL), DOT 406 (HIGHWAY), DOT 51, DOT 3-A)

26b. For Non-bulk, IBC, or non-specification packaging, if identification markings are incomplete or unavailable, see instructions and complete the following:

Single Package or Outer Packaging:

Single Package or Inner Packaging (if any):

Packaging Type:
Material of Construction:
Head Type (Drums only):

Packaging Type:
Material of Construction:

27. Describe the package capacity and the quantity:

Single Package or Outer Packaging:

Single Package or Inner Packaging (if any):

Package Capacity: 6500 Liquid - Gallon
Amount in Package:
Number in Shipment: 1
Number Failed: 1

Package Capacity:
Amount in Package:
Number in Shipment:
Number Failed:

28. Provide packaging construction and test information, as appropriate:

Manufacturer:
Serial Number:
Material of Construction: (if Tank Car, CTMV, Portable Tank, or Cylinder)
Design Pressure: (if Tank Car, CTMV, Portable Tank)
Shell Thickness: (if Tank Car, CTMV, Portable Tank)
Head Thickness: (if Tank Car, CTMV)
Service Pressure: (if Cylinder)
If valve or device failed:
Type:
Model:
Manufacturer:

Manufacture Date:
Last Test Date:

29. If the packaging is for Radioactive Materials, complete the following:

Packaging Category:
Packaging Certification:
Certification Number:
Nuclide(s) Present:
Activity:
Critical Safety Index:

Transport Index:

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: False
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: \$ 0.00
Carrier Damage: \$ 0.00
Property Damage: \$ 0.00
Response Cost: \$ 0.00
Remediation/Cleanup Cost: \$ 15,000.00
(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?

False

If yes, provide the following information:

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

36. Was a major transportation artery or facility closed?

False

If yes, how many? 0

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

False

If yes, provide the following information:

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

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:

At approximately 8:34am, a release of approximately 334 gallons of Vinyl Acetate Monomer (UN 1301; Class 3 - Flammable; PG II), for shipper CELANESE Ltd, occurred at the Charlotte East terminal during a tank car (CELY 23036) to tanker trailer (Tidewater Transit Trailer #1192) transfer utilizing 3" Platform Pump PLP 2135 with meter and vapor balance. The release occurred via the rear discharge valve of TWT trailer #1192. Operator Philip Darby failed to identify that the trailer's rear valve was not closed or capped during the truck/trailer inspection, following the trailer wash. Terminal personnel attempted to dam and dike the immediate area, but approximately 20 gallons of product escaped over the berm located on the east side of track 9 and impacted the ground on the property directly adjacent to the terminal. The Charlotte Fire Department was called and responded as a precaution. EMS and representatives from Mecklenburg County also responded to the scene following the release. Carolina Environment Response Team (CERT) arrived and cleaned up the area of the spill located on the asphalt. They filled six 55-gallon drums with absorbent material used to soak up the VAM and left the site. SWS Environmental Services was then dispatched by TRANSFLO to finalize the clean up effort. SWS excavated the affected soil and filled two 20 yard roll-off containers which are currently located onsite. The 6 55-gallon drums filled by CERT were dumped into the roll off containers for disposal. The clean up was completed at 6:00pm and the gathered material profiled/manifested for disposal. No storm drains were impacted as the Gate Valve was immediately closed once the release was realized.

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:

The involved operator was disciplined via two day suspension and a coaching counseling/re-training session was conducted where a commitment was obtained to ensure that trailers are thoroughly inspected prior to initiating a transfer, by walking around the entire transport and ensuring that vehicle is roadworthy, clean dry odor free or previous contents compatible with the scheduled transfer, can safely contain the lading and all valves and outlets are closed and capped. This was completed on 7/29/14.

PART VIII - CONTACT INFORMATION

Contact's Name:	Richard Stanley
Contact's Title:	Director, Safety, Health & Environmental
Business Name and Address:	Savage Services Corporation 152 E. High Street; Suite 200 Pottstown PA 19464
E-mail Address:	richards@savageservices.com
Telephone Number:	610-970-9144
Fax Number:	
Hazmat Registration Number:	
Date:	08/22/2014
Preparer is:	Other - Facility Contracted Operator