



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-2020080214
2. This is to report: A

PART II - GENERAL INCIDENT INFORMATION

3. Date of Incident:
07/17/2020
4. Time of Incident (use 24-hour time):
22:00
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: TEXAS CITY
County: GALVESTON
State: TX
Zip Code: (if known): 77590
Street Address/Mile Marker/Yard Name/Airport/Body of Water/River Mile:
2800 FM 519 East
8. Mode of Transportation: Rail
9. Transportation Phase: In Transit Storage
10. Carrier/Reporter:
- Name: TEXAS CITY TERMINAL RAILWAY CO
Street: 2425 HIGHWAY 146 N
City: TEXAS CITY
State: TX
Zip Code: 77590-8811
Federal DOT Id Number:
Hazmat Registration Number: 052521001027DF
11. Shipper/Officer:
- Name: BASF CORPORATION
Street: 602 COPPER RD
City: FREEPORT
State: TX
Zip Code: 77541-3038
Waybill/Shipping Paper: 979797
Hazmat Registration Number: 070607550036PR
12. Origin (if different from shipper address)
- Street:
City:
State:
Zip Code:
13. Destination:
- Street: 2800 FM 519 East
City: Texas City
State: TX
Zip Code: 77590
14. Proper Shipping Name of Hazardous Material: STYRENE MONOMER, STABILIZED
15. Technical/Trade Name:
16. Hazardous Class/Division: Flammable - Combustible Liquid
17. Identification Number: (E.g. UN2764, NA 2020) UN2055

18. Packing Group: (if applicable) III

19. Quantity Released: (Include Measurement Units) 17000 Liquid - Pound

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:

Tank Car

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: - 143-Pressure Relief Valve or Device - Non-Reclosing

How Failed: - 313-Vented

Causes of Failure: - Commodity Polymerization

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

Identification Markings: DOT-111A1

(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: 286000 Liquid - Pound
Amount in Package: 285000 Liquid - Pound
Number in Shipment:
Number Failed:

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

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

Manufacturer:	Trinity	Manufacture Date:	03/09/2009
Serial Number:	GATX 207943	Last Test Date:	03/09/2009
Material of Construction:	Stainless Steel (if Tank Car, CTMV, Portable Tank, or Cylinder)		
Design Pressure:	500 PSI (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:	75 PSI		
Model:	A1079-F-VB		
Manufacturer:	Midland Manufacturing		

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

Packaging Category:	
Packaging Certification:	
Certification Number:	
Nuclide(s) Present:	Transport Index:
Activity:	
Critical Safety 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: | True | - Environmental Damage: | False |
| - No Release: | False | | |

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

Fire/EMS Report #: True 2020-343244
Police Report #: True 20-0004545
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: \$ 200,000.00
Carrier Damage: \$ 0.00
Property Damage: \$ 0.00
Response Cost: \$ 200,000.00
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:
Responders:
General Public:

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

False

If yes, how many?

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:
Responders:
General Public:

Non-Hospitalized:

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

Employees:
Responders:
General Public:

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

False

If yes, provide the following information:

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

36. Was a major transportation artery or facility closed?

True

If yes, how many? 144

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:

Car Number GATX 207943 was delivered off by the Union Pacific on 4/6/2020.

Shipped by BASF to INEOS Styrolution American inside the BP AMCO Texas City site. Car was placed on BP Amco storage track adjacent to TCTRR main rail yard. Car was shipped under an empty waybill and was loaded with Styrene Monomer. The chemical lost its inhibitor agent and started to pluralize causing the relief valve to start venting, Safety valve was damaged due to the heat caused by the pluralization and failed to reseal. Car vented from 7/17/2020 until 7/22/2020 shutting down switching operation for TCTRR. Car was located on private property (BP Amco storage track) but shut down commerce for 6 days. All clean up and Hazmat response teams were handled by INEOS Styrolutions. All cost associated at are at an estimate. Ineos has handled all cost associated with the release.

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:

Ineos Styrolutions has requested scale tickets on all inbound cars to verify loaded or empty.

PART VIII – CONTACT INFORMATION

Contact's Name:	Terryl Brown
Contact's Title:	Dir. Rail Ops
Business Name and Address:	TK Brown
	2425 Hwy 146 North Texas City TX 77590
E-mail Address:	tbrown@tctrr.com
Telephone Number:	(409)739-0231
Fax Number:	
Hazmat Registration Number:	031218001001AC
Date:	08/07/2020
Preparer is:	Carrier

03/09/2009