

Section 1. Registration Information

Source Identification

Facility Name:	Trinseo - Midland MI Plant
Parent Company #1 Name:	Trinseo PLC
Submission Type:	Resubmission
Receipt Date:	July 2024

Facility Identification

Facility ID:	1000 0021 3538
--------------	----------------

Dun and Bradstreet Numbers (DUNS)

Facility DUNS:	966929965
----------------	-----------

Facility Location Address

Street 1:	Michigan Operations
Street 2:	1604 Building
City:	Midland
State:	MI
ZIP:	48667
ZIP4:	N/A
County:	Midland

Facility Latitude and Longitude

Latitude (decimal):	43.601512
Longitude (decimal):	-84.215248

Local Emergency Planning Committee and Regulations

LEPC:	Midland County LEPC
OSHA PSM:	Yes
EPCRA 302:	Yes
CAA Title V:	Yes

Process Chemicals

Program Level:	Program Level 3 process
Chemical Name:	Acrylonitrile [2-Propenenitrile]
CAS Number:	107-13-1
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Ammonia (conc 20% or greater)
CAS Number:	7664-41-7
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	1,3-Butadiene
CAS Number:	106-99-0
Flammable/Toxic:	Flammable
Program Level:	Program Level 3 process
Chemical Name:	Vinyl acetate monomer [Acetic acid ethenyl ester]
CAS Number:	108-05-4
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Ethyl chloride [Ethane, chloro-]
CAS Number:	75-00-3
Flammable/Toxic:	Flammable
Program Level:	Program Level 3 process
Chemical Name:	Propylene oxide [Oxirane, methyl-]
CAS Number:	75-56-9
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Trimethylamine [Methanamine, N,N-dimethyl-]
CAS Number:	75-50-3
Flammable/Toxic:	Flammable
Program Level:	Program Level 3 process
Chemical Name:	Methyl chloride [Methane, chloro-]
CAS Number:	74-87-3
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Hydrogen chloride (anhydrous) [Hydrochloric acid]
CAS Number:	7647-01-0
Flammable/Toxic:	Toxic

Program Level:	Program Level 3 process
Chemical Name:	Chlorine
CAS Number:	7782-50-5
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Isopropyl chloride [Propane, 2-chloro-]
CAS Number:	75-29-6
Flammable/Toxic:	Flammable
Program Level:	Program Level 3 process
Chemical Name:	1,3-Butadiene
CAS Number:	106-99-0
Flammable/Toxic:	Flammable
Program Level:	Program Level 3 process
Chemical Name:	Methyl ether [Methane, oxybis-]
CAS Number:	115-10-6
Flammable/Toxic:	Flammable
Program Level:	Program Level 3 process
Chemical Name:	Dimethylamine [Methanamine, N-methyl-]
CAS Number:	124-40-3
Flammable/Toxic:	Flammable
Program Level:	Program Level 3 process
Chemical Name:	Vinyl acetate monomer [Acetic acid ethenyl ester]
CAS Number:	108-05-4
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Acrylonitrile [2-Propenenitrile]
CAS Number:	107-13-1
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Ethyl ether [Ethane, 1,1'-oxybis-]
CAS Number:	60-29-7
Flammable/Toxic:	Flammable
Program Level:	Program Level 3 process
Chemical Name:	Ethyl chloride [Ethane, chloro-]
CAS Number:	75-00-3
Flammable/Toxic:	Flammable

Program Level:	Program Level 3 process
Chemical Name:	Dimethyldichlorosilane [Silane, dichlorodimethyl-]
CAS Number:	75-78-5
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Propylene oxide [Oxirane, methyl-]
CAS Number:	75-56-9
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Methyl chloride [Methane, chloro-]
CAS Number:	74-87-3
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Trimethylchlorosilane [Silane, chlorotrimethyl-]
CAS Number:	75-77-4
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Methyltrichlorosilane [Silane, trichloromethyl-]
CAS Number:	75-79-6
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Hydrogen chloride (anhydrous) [Hydrochloric acid]
CAS Number:	7647-01-0
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Chlorine
CAS Number:	7782-50-5
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	1,3-Butadiene
CAS Number:	106-99-0
Flammable/Toxic:	Flammable
Program Level:	Program Level 3 process
Chemical Name:	2-Methylpropene [1-Propene, 2-methyl-]
CAS Number:	115-11-7
Flammable/Toxic:	Flammable

Program Level:	Program Level 3 process
Chemical Name:	Dimethylamine [Methanamine, N-methyl-]
CAS Number:	124-40-3
Flammable/Toxic:	Flammable
Program Level:	Program Level 3 process
Chemical Name:	Trichlorosilane [Silane, trichloro-]
CAS Number:	10025-78-2
Flammable/Toxic:	Flammable
Program Level:	Program Level 3 process
Chemical Name:	Vinyl acetate monomer [Acetic acid ethenyl ester]
CAS Number:	108-05-4
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Acrylonitrile [2-Propenenitrile]
CAS Number:	107-13-1
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Ethyl ether [Ethane, 1,1'-oxybis-]
CAS Number:	60-29-7
Flammable/Toxic:	Flammable

Process NAICS

NAICS Code:	325211
NAICS Description:	Plastics Material and Resin Manufacturing
NAICS Code:	32551
NAICS Description:	Paint and Coating Manufacturing
NAICS Code:	48821
NAICS Description:	Support Activities for Rail Transportation

Section 6. Accident History

No records found.

Section 9. Emergency Response

Written Emergency Response (ER) Plan

Community Plan (Is facility included in written community emergency response plan?):	Yes
Facility Plan (Does facility have its own written emergency response plan?):	Yes
Response Actions (Does ER plan include specific actions to be taken in response to accidental releases of regulated substance(s)?):	Yes
Public Information (Does ER plan include procedures for informing the public and local agencies responding to accidental release?):	Yes
Healthcare (Does facility's ER plan include information on emergency health care?):	Yes

Local Agency

Agency Name (Name of local agency with which the facility ER plan or response activities are coordinated):	City of Midland Fire Department
Agency Phone Number (Phone number of local agency with which the facility ER plan or response activities are coordinated):	(989) 839-6466