

## Section 1. Registration Information

### Source Identification

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Facility Name:	Dow Silicones Corporation - Carrollton Site
Parent Company #1 Name:	The Dow Chemical Company
Submission Type:	Resubmission
Receipt Date:	October 2022

### Facility Identification

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Facility ID:	1000 0014 2179
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### Dun and Bradstreet Numbers (DUNS)

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Facility DUNS:	5353487
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### Facility Location Address

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Street 1:	4770 U.S. Highway 42 East
Street 2:	N/A
City:	Carrollton
State:	KY
ZIP:	41008
ZIP4:	0310
County:	Carroll

### Facility Latitude and Longitude

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Latitude (decimal):	38.707730
Longitude (decimal):	-085.103655

### Local Emergency Planning Committee and Regulations

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

## Process Chemicals

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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:	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:	Hydrochloric acid (conc 37% or greater)
CAS Number:	7647-01-0
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:	Tetramethylsilane [Silane, tetramethyl-]
CAS Number:	75-76-3
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:	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:	Dimethyldichlorosilane [Silane, dichlorodimethyl-]
CAS Number:	75-78-5
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:	Tetramethylsilane [Silane, tetramethyl-]
CAS Number:	75-76-3
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:	Flammable Mixture
CAS Number:	00-11-11
Flammable/Toxic:	Flammable

### Flammable Mixture Chemical Components

Chemical Name:	Isopentane [Butane, 2-methyl-]
CAS Number:	78-78-4
Flammable/Toxic:	Flammable

Chemical Name:	Tetramethylsilane [Silane, tetramethyl-]
CAS Number:	75-76-3
Flammable/Toxic:	Flammable

Chemical Name:	Pentane
CAS Number:	109-66-0
Flammable/Toxic:	Flammable

Chemical Name:	Trichlorosilane [Silane, trichloro-]
CAS Number:	10025-78-2
Flammable/Toxic:	Flammable

Program Level:	Program Level 3 process
Chemical Name:	Flammable Mixture
CAS Number:	00-11-11
Flammable/Toxic:	Flammable

### Flammable Mixture Chemical Components

Chemical Name:	Isopentane [Butane, 2-methyl-]
CAS Number:	78-78-4
Flammable/Toxic:	Flammable

Chemical Name:	Tetramethylsilane [Silane, tetramethyl-]
CAS Number:	75-76-3
Flammable/Toxic:	Flammable

Chemical Name:	Pentane
CAS Number:	109-66-0
Flammable/Toxic:	Flammable

Chemical Name:	Trichlorosilane [Silane, trichloro-]
CAS Number:	10025-78-2
Flammable/Toxic:	Flammable

Program Level:	Program Level 3 process
Chemical Name:	Flammable Mixture
CAS Number:	00-11-11
Flammable/Toxic:	Flammable

### Flammable Mixture Chemical Components

Chemical Name:	Isopentane [Butane, 2-methyl-]
CAS Number:	78-78-4
Flammable/Toxic:	Flammable

Chemical Name:	Tetramethylsilane [Silane, tetramethyl-]
CAS Number:	75-76-3
Flammable/Toxic:	Flammable

Chemical Name:	Pentane
CAS Number:	109-66-0
Flammable/Toxic:	Flammable

Chemical Name:	Trichlorosilane [Silane, trichloro-]
CAS Number:	10025-78-2
Flammable/Toxic:	Flammable

### Process NAICS

NAICS Code:	48849
NAICS Description:	Other Support Activities for Road Transportation

NAICS Code:	32518
NAICS Description:	Other Basic Inorganic Chemical 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

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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

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Agency Name (Name of local agency with which the facility ER plan or response activities are coordinated):	Carroll County LEPC
Agency Phone Number (Phone number of local agency with which the facility ER plan or response activities are coordinated):	(502) 732-6621