



We create chemistry

# Safety Data Sheet

## 11-E480 Violet Pearl

Revision date : 2021/02/10  
Version: 9.1

Page: 1/12  
(30649346/SDS\_GEN\_US/EN)

### 1. Identification

#### Product identifier used on the label

**11-E480 Violet Pearl**

#### Recommended use of the chemical and restriction on use

Recommended use\*: Basecoat product

Recommended use\*: Paints, Coatings and Related Materials; for industrial use only

Unsuitable for use: Not intended for sale to or use by the general public.

\* The "Recommended use" identified for this product is provided solely to comply with a Federal requirement and is not part of the seller's published specification. The terms of this Safety Data Sheet (SDS) do not create or infer any warranty, express or implied, including by incorporation into or reference in the seller's sales agreement.

#### Details of the supplier of the safety data sheet

##### Company:

BASF CORPORATION  
100 Park Avenue  
Florham Park, NJ 07932, USA

Telephone: +1 973 245-6000

#### Emergency telephone number

##### 24 Hour Emergency Response Information

CHEMTREC: 1-800-424-9300

BASF HOTLINE: 1-800-832-HELP (4357)

#### Other means of identification

---

### 2. Hazards Identification

**According to Regulation 2012 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200**

#### Classification of the product

Skin Corr./Irrit.	2	Skin corrosion/irritation
Eye Dam./Irrit.	2A	Serious eye damage/eye irritation
Skin Sens.	1	Skin sensitization
STOT SE	3 (Vapours may cause drowsiness and dizziness.)	Specific target organ toxicity — single exposure

# Safety Data Sheet

## 11-E480 Violet Pearl

Revision date : 2021/02/10

Version: 9.1

Page: 2/12

(30649346/SDS\_GEN\_US/EN)

Flam. Liq.

3

Flammable liquids

### Label elements

Pictogram:



Signal Word:

Warning

Hazard Statement:

H226	Flammable liquid and vapour.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.

Precautionary Statements (Prevention):

P280	Wear protective gloves, protective clothing and eye protection or face protection.
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P264	Wash contaminated body parts thoroughly after handling.
P271	Use only outdoors or in a well-ventilated area.
P242	Use only non-sparking tools.
P241	Use explosion-proof electrical, ventilating and lighting equipment.
P243	Take action to prevent static discharges.
P233	Keep container tightly closed.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P240	Ground and bond container and receiving equipment.
P272	Contaminated work clothing should not be allowed out of the workplace.

Precautionary Statements (Response):

P312	Call a POISON CENTER or physician if you feel unwell.
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P302 + P352	IF ON SKIN: Wash with plenty of soap and water.
P370 + P378	In case of fire: Use water spray for extinction.
P362 + P364	Take off contaminated clothing and wash it before reuse.
P333 + P313	If skin irritation or rash occurs: Get medical attention.
P303 + P361 + P353	IF ON SKIN (or hair): Remove or Take off immediately all contaminated clothing. Rinse skin with water or shower.
P304 + P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P337 + P313	If eye irritation persists: Get medical attention.

Precautionary Statements (Storage):

P403 + P233	Store in a well-ventilated place. Keep container tightly closed.
P403 + P235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.

Precautionary Statements (Disposal):

P501	Dispose of contents and container to hazardous or special waste collection point.
------	---

# Safety Data Sheet

## 11-E480 Violet Pearl

Revision date : 2021/02/10  
Version: 9.1

Page: 3/12  
(30649346/SDS\_GEN\_US/EN)

### Hazards not otherwise classified

No applicable information available.

## 3. Composition / Information on Ingredients

### According to Regulation 2012 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200

#### 1-methoxypropan-2-ol

CAS Number: 107-98-2

Content (W/W):  $\geq 25.0$  -  $< 50.0\%$

Synonym: 1-Methoxy-2-propanol; Propylene glycol monomethyl ether

#### 2-dimethylaminoethanol

CAS Number: 108-01-0

Content (W/W):  $\geq 1.0$  -  $< 3.0\%$

Synonym: N,N-Dimethyl(2-hydroxyethyl)amine; 2(Dimethylamino)ethanol, Deanol

#### 1-methoxy-2-propylacetate

CAS Number: 108-65-6

Content (W/W):  $\geq 10.0$  -  $< 15.0\%$

Synonym: 2-Methoxy-1-methylethyl acetate; 1-Methoxy-2-propyl acetate

#### 2-butoxyethanol

CAS Number: 111-76-2

Content (W/W):  $\geq 1.0$  -  $< 3.0\%$

Synonym: Butyl cellosolve

#### 2,4,7,9-Tetramethyldec-5-yne-4,7-diol

CAS Number: 126-86-3

Content (W/W):  $\geq 1.0$  -  $< 3.0\%$

Synonym: 2,4,7,9-Tetramethyl-5-decyne-4,7-diol

#### Iron oxide

CAS Number: 1309-37-1

Content (W/W):  $\geq 10.0$  -  $< 15.0\%$

Synonym: C.I. 77491

#### Mica-group minerals

CAS Number: 12001-26-2

Content (W/W):  $\geq 10.0$  -  $< 15.0\%$

Synonym: Mica group minerals

## 4. First-Aid Measures

### Description of first aid measures

#### General advice:

First aid personnel should pay attention to their own safety. If the patient is likely to become unconscious, place and transport in stable sideways position (recovery position). Remove contaminated clothing.

#### If inhaled:

Keep patient calm, remove to fresh air. If breathing difficulties develop, aid in breathing and seek immediate medical attention.

# Safety Data Sheet

## 11-E480 Violet Pearl

Revision date : 2021/02/10  
Version: 9.1

Page: 4/12  
(30649346/SDS\_GEN\_US/EN)

### If in eyes:

Flush with copious amounts of water for at least 15 minutes. Hold eyelids open to facilitate rinsing. If irritation develops, seek medical attention. Seek medical attention.

### Most important symptoms and effects, both acute and delayed

Symptoms: Information, i.e. additional information on symptoms and effects may be included in the GHS labeling phrases available in Section 2 and in the Toxicological assessments available in Section 11.

*Information on: 1-methoxypropan-2-ol*

*Symptoms: Overexposure may cause:, lacrimation*

*Information on: 2-dimethylaminoethanol*

*Symptoms: Overexposure may cause:, dyspnea, restlessness, coughing, headache*

*Information on: 2,4,7,9-Tetramethyldec-5-yne-4,7-diol*

*Symptoms: Overexposure may cause:, corneal injury, severe pain, skin irritation, erythema, nausea, vomiting, dizziness, diarrhea, abdominal cramps*

*Information on: Iron oxide*

*Symptoms: Overexposure may cause:, rhinitis, irritation of the mucous membranes, irritates the eyes and respiratory tract, headache, vomiting, dizziness, diarrhea, abdominal cramps*

*Information on: Mica-group minerals*

*Symptoms: irritates the eyes and respiratory tract, weakness, pneumoconiosis, dyspnea, coughing*

### Indication of any immediate medical attention and special treatment needed

#### Note to physician

Treatment:

Treat according to symptoms (decontamination, vital functions), no known specific antidote.

## 5. Fire-Fighting Measures

### Extinguishing media

Suitable extinguishing media:  
carbon dioxide, foam, dry powder

Unsuitable extinguishing media for safety reasons:  
water jet

### Special hazards arising from the substance or mixture

#### Advice for fire-fighters

Protective equipment for fire-fighting:

Firefighters should be equipped with self-contained breathing apparatus and turn-out gear.

#### Further information:

Remove product from areas of fire, or otherwise cool sealed containers with water in order to avoid pressure build up due to heat.

# Safety Data Sheet

## 11-E480 Violet Pearl

Revision date : 2021/02/10  
Version: 9.1

Page: 5/12  
(30649346/SDS\_GEN\_US/EN)

### 6. Accidental release measures

#### Personal precautions, protective equipment and emergency procedures

Avoid contact with skin and eyes. Use antistatic tools. Wear suitable personal protective clothing and equipment. Ensure adequate ventilation.

#### Environmental precautions

Do not discharge into drains/surface waters/groundwater.

A spill of or in excess of the reportable quantity requires notification to state, local and national emergency authorities.

#### Methods and material for containment and cleaning up

Dike spillage. Place into appropriately labeled waste containers.

### 7. Handling and Storage

#### Precautions for safe handling

Handle and open container with care. Use static lines when mixing and transferring material. Do not puncture, drop, or slide containers. Ensure adequate ventilation. Avoid contact with the skin, eyes and clothing.

Protection against fire and explosion:

Use antistatic tools. Exhaust fans should be explosion proof. Avoid all sources of ignition: heat, sparks, open flame. Sealed containers should be protected against heat as this results in pressure build-up.

#### Conditions for safe storage, including any incompatibilities

Segregate from oxidizing agents. Segregate from incompatible substances.

Suitable materials for containers: High density polyethylene (HDPE), Low density polyethylene (LDPE), Polyethyleneterephthalate (PET), Polypropylene (PP), Carbon steel (Iron), tinned carbon steel (Tinplate)

Further information on storage conditions: Protect from direct sunlight.

### 8. Exposure Controls/Personal Protection

#### Components with occupational exposure limits

1-methoxypropan-2-ol	ACGIH TLV	TWA value 50 ppm ; STEL value 100 ppm ;
2-butoxyethanol	OSHA PEL	PEL 50 ppm 240 mg/m <sup>3</sup> ; Skin Designation ; The substance can be absorbed through the skin. SKIN_FINAL ; The substance can be absorbed through the skin.
	ACGIH TLV	TWA value 25 ppm 120 mg/m <sup>3</sup> ; TWA value 20 ppm ;
Iron oxide	OSHA PEL	PEL 10 mg/m <sup>3</sup> fumes/smoke ; TWA value 10 mg/m <sup>3</sup> fumes/smoke ;
	ACGIH TLV	TWA value 5 mg/m <sup>3</sup> Respirable fraction ;

# Safety Data Sheet

## 11-E480 Violet Pearl

Revision date : 2021/02/10

Version: 9.1

Page: 6/12

(30649346/SDS\_GEN\_US/EN)

Mica-group minerals	OSHA PEL	TWA value 3 mg/m3 Respirable dust ; TWA value 20 millions of particles per cubic foot of air ;
	ACGIH TLV	TWA value 3 mg/m3 Respirable fraction ;

### Advice on system design:

Provide local exhaust ventilation to maintain recommended P.E.L.

### Personal protective equipment

#### Respiratory protection:

Do not exceed the maximum use concentration for the respirator facepiece/cartridge combination.

Observe OSHA regulations for respirator use (29 CFR 1910.134).

#### Hand protection:

Use appropriate chemically impervious gloves as determined by an evaluation of glove performance characteristics and the hazards and potential hazards identified, including but not limited to butyl, natural and synthetic rubber, nitrile, or neoprene.

#### Eye protection:

Wear face shield if splashing hazard exists. Tightly fitting safety goggles (chemical goggles).

#### Body protection:

Body protection must be chosen based on level of activity and exposure.

#### General safety and hygiene measures:

Work place should be equipped with a shower and an eye wash. Remove contaminated clothing. Remove contaminated clothing immediately and clean before re-use or dispose it if necessary. Contact lenses should not be worn. Hands and/or face should be washed before breaks and at the end of the shift.

## 9. Physical and Chemical Properties

Form:	liquid	
Odour:	aromatic	
Odour threshold:	No applicable information available.	
Colour:	red violet	
pH value:	No applicable information available.	
Melting point:	No applicable information available.	
Freezing point:	No applicable information available.	
Boiling range:	117.00 - 2,230.00 °C 242.60 - 4,046.00 °F	
Sublimation point:	No applicable information available.	
Flash point:	33 °C 91.40 °F	
Flammability:	No applicable information available.	
Lower explosion limit:	1.50 %(V)	
Upper explosion limit:	13.74 %(V)	
Autoignition:	No applicable information available.	
Vapour pressure:	No applicable information available.	
Density:	1.2112 g/cm3 ( 20 °C)	(calculated)
	10.1083 lb/USg	(calculated)
Relative density:	1.2112 ( 20 °C)	

# Safety Data Sheet

## 11-E480 Violet Pearl

Revision date : 2021/02/10

Version: 9.1

Page: 7/12

(30649346/SDS\_GEN\_US/EN)

Vapour density:	No applicable information available.
Partitioning coefficient n-octanol/water (log Pow):	No applicable information available.
Thermal decomposition:	No applicable information available.
Viscosity, dynamic:	No applicable information available.
Viscosity, kinematic:	> 20.500 mm <sup>2</sup> /s
Solubility in water:	No applicable information available.
Miscibility with water:	immiscible
Solubility (quantitative):	No applicable information available.
Solubility (qualitative):	No applicable information available.
Molar mass:	No applicable information available.
Evaporation rate:	No applicable information available.

## 10. Stability and Reactivity

### Reactivity

No applicable information available.

### Chemical stability

### Possibility of hazardous reactions

No applicable information available.

### Conditions to avoid

Avoid all sources of ignition: heat, sparks, open flame. Avoid electro-static discharge.

### Incompatible materials

strong oxidizing agents

### Hazardous decomposition products

Thermal decomposition:

No applicable information available.

## 11. Toxicological information

### Primary routes of exposure

Routes of entry for solids and liquids are ingestion and inhalation, but may include eye or skin contact. Routes of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquefied gases.

### Acute Toxicity/Effects

#### Acute toxicity

Assessment of acute toxicity: The product has not been tested. The statement has been derived from the properties of the individual components.

*Information on: 1-methoxypropan-2-ol*

*Assessment of acute toxicity: Of low toxicity after single ingestion. Virtually nontoxic by inhalation. Virtually nontoxic after a single skin contact.*

*Information on: 2-dimethylaminoethanol*

*Assessment of acute toxicity: Of moderate toxicity after short-term skin contact. Of moderate toxicity after single ingestion. Of pronounced toxicity after short-term inhalation.*

# Safety Data Sheet

## 11-E480 Violet Pearl

Revision date : 2021/02/10  
Version: 9.1

Page: 8/12  
(30649346/SDS\_GEN\_US/EN)

### Information on: 2-butoxyethanol

*Assessment of acute toxicity: Of moderate toxicity after single ingestion. The inhalation of a highly enriched/saturated vapor-air-mixture represents an unlikely acute hazard. The European Union (EU) has classified this substance as 'harmful' after inhalation. Virtually nontoxic after a single skin contact. The European Union (EU) has classified this substance as 'harmful' after dermal exposure.*

-----

### Assessment other acute effects

Assessment of STOT single:

Possible narcotic effects (drowsiness or dizziness).

### Irritation / corrosion

Assessment of irritating effects: Eye contact causes irritation. Skin contact causes irritation.

### Information on: 2-dimethylaminoethanol

*Assessment of irritating effects: Corrosive! Damages skin and eyes.*

### Information on: 2-butoxyethanol

*Assessment of irritating effects: Eye contact causes irritation. Skin contact causes irritation.*

### Information on: 2,4,7,9-Tetramethyldec-5-yne-4,7-diol

*Assessment of irritating effects: Not irritating to the skin. May cause severe damage to the eyes.*

-----

### Sensitization

Assessment of sensitization: Sensitization after skin contact possible.

### Information on: 2,4,7,9-Tetramethyldec-5-yne-4,7-diol

*Assessment of sensitization:*

*Caused skin sensitization in animal studies.*

-----

### Aspiration Hazard

No applicable information available.

## Chronic Toxicity/Effects

### Repeated dose toxicity

Assessment of repeated dose toxicity: The product has not been tested. The statement has been derived from the properties of the individual components.

### Information on: 1-methoxypropan-2-ol

*Assessment of repeated dose toxicity: May affect the liver as indicated in animal studies. The substance may cause damage to the kidney after repeated inhalation. Effect found in rodents only. The relevance to humans is questionable.*

### Information on: 2-dimethylaminoethanol

*Assessment of repeated dose toxicity: The substance may cause damage to the central nervous system after repeated ingestion of high doses. The results are preliminary and do not provide a complete understanding of the effect observed. After repeated administration the prominent effect is the induction of corrosion.*

*The substance may cause damage to the central nervous system after repeated ingestion of high doses. The results are preliminary and do not provide a complete understanding of the effect observed.*

### Information on: 1-methoxy-2-propylacetate



# Safety Data Sheet

## 11-E480 Violet Pearl

Revision date : 2021/02/10  
Version: 9.1

Page: 9/12  
(30649346/SDS\_GEN\_US/EN)

*Assessment of repeated dose toxicity: Repeated dermal uptake of the substance did not cause substance-related effects. The product has not been tested. The statement has been derived from substances/products of a similar structure or composition. The substance may cause damage to the olfactory epithelium after repeated inhalation. Repeated oral uptake of the substance did not cause substance-related effects.*

*Information on: 2-butoxyethanol*

*Assessment of repeated dose toxicity: Damages blood cells. Due to the species specific mode of action, the effects are not expected to occur in humans.*

*Information on: Iron oxide*

*Assessment of repeated dose toxicity: Short-term inhalation (5 days) of low aerosol concentrations did not cause substance-specific effects in animal studies. The substance may cause increase in lung mass and lung tissue changes after repeated inhalation.*

*Chronic exposures have been known to produce pneumoconiosis (chronic inflammatory and fibrotic lung disease).*

### Genetic toxicity

Assessment of mutagenicity: No applicable information available.

### Carcinogenicity

Assessment of carcinogenicity: The product has not been tested. The statement has been derived from the properties of the individual components.

*Information on: 2-dimethylaminoethanol*

*Assessment of carcinogenicity: In long-term animal studies in which the substance was given by inhalation in high concentrations, a carcinogenic effect was not observed. Under certain conditions the substance can form nitrosamines. Nitrosamines are carcinogenic in animal studies.*

*Information on: 2-butoxyethanol*

*Assessment of carcinogenicity: Indication of possible carcinogenic effect in animal tests. A clear indication of an increased risk of cancer in humans has so far not been shown. IARC Group 3 (not classifiable as to human carcinogenicity).*

### Reproductive toxicity

Assessment of reproduction toxicity: The product has not been tested. The statement has been derived from the properties of the individual components.

*Information on: 1-methoxypropan-2-ol*

*Assessment of reproduction toxicity: The potential to impair fertility cannot be excluded when given at maternally toxic doses.*

*Information on: 2-dimethylaminoethanol*

*Assessment of reproduction toxicity: The results of animal studies suggest a fertility impairing effect. The results were determined in a Screening test. On the basis of currently available information, a final assessment is not possible.*

### Teratogenicity

Assessment of teratogenicity: The product has not been tested. The statement has been derived from the properties of the individual components.

*Information on: 2-dimethylaminoethanol*

# Safety Data Sheet

## 11-E480 Violet Pearl

Revision date : 2021/02/10

Version: 9.1

Page: 10/12

(30649346/SDS\_GEN\_US/EN)

*Assessment of teratogenicity: Causes developmental effects in animals at high, maternally toxic doses.*

---

## 12. Ecological Information

No applicable information available.

---

## 13. Disposal considerations

### Waste disposal of substance:

Do not discharge into drains/surface waters/groundwater.

Dispose of in accordance with national, state and local regulations.

### Container disposal:

Dispose of in accordance with national, state and local regulations.

---

## 14. Transport Information

### Land transport

USDOT

Hazard class:	3
Packing group:	III
ID number:	UN 1263
Hazard label:	3
Proper shipping name:	PAINT

### Sea transport

IMDG

Hazard class:	3
Packing group:	III
ID number:	UN 1263
Hazard label:	3
Marine pollutant:	NO
Proper shipping name:	PAINT

### Air transport

IATA/ICAO

Hazard class:	3
Packing group:	III
ID number:	UN 1263
Hazard label:	3
Proper shipping name:	PAINT

---

## 15. Regulatory Information

### Federal Regulations

#### Registration status:

Chemical TSCA, US released / listed

# Safety Data Sheet

## 11-E480 Violet Pearl

Revision date : 2021/02/10  
Version: 9.1

Page: 11/12  
(30649346/SDS\_GEN\_US/EN)

**EPCRA 311/312 (Hazard categories):** Refer to SDS section 2 for GHS hazard classes applicable for this product.

### EPCRA 313:

<u>CAS Number</u>	<u>Chemical name</u>
111-76-2	2-butoxyethanol

### State regulations

<u>State RTK</u>	<u>CAS Number</u>	<u>Chemical name</u>
NJ	107-98-2	1-methoxypropan-2-ol
	108-01-0	2-dimethylaminoethanol
	111-76-2	2-butoxyethanol
	1309-37-1	Iron oxide
	12001-26-2	Mica-group minerals
PA	107-98-2	1-methoxypropan-2-ol
	108-01-0	2-dimethylaminoethanol
	111-76-2	2-butoxyethanol
	1309-37-1	Iron oxide
	12001-26-2	Mica-group minerals

### NFPA Hazard codes:

Health: 2      Fire: 3      Reactivity: 0      Special:

### HMIS III rating

Health: 2 $\alpha$       Flammability: 3      Physical hazard: 0

## 16. Other Information

### SDS Prepared by:

BASF NA Product Regulations  
SDS Prepared on: 2021/02/10

We support worldwide Responsible Care® initiatives. We value the health and safety of our employees, customers, suppliers and neighbors, and the protection of the environment. Our commitment to Responsible Care is integral to conducting our business and operating our facilities in a safe and environmentally responsible fashion, supporting our customers and suppliers in ensuring the safe and environmentally sound handling of our products, and minimizing the impact of our operations on society and the environment during production, storage, transport, use and disposal of our products.

IMPORTANT: WHILE THE DESCRIPTIONS, DESIGNS, DATA AND INFORMATION CONTAINED HEREIN ARE PRESENTED IN GOOD FAITH AND BELIEVED TO BE ACCURATE, IT IS PROVIDED FOR YOUR GUIDANCE ONLY. BECAUSE MANY FACTORS MAY AFFECT PROCESSING OR APPLICATION/USE, WE RECOMMEND THAT YOU MAKE TESTS TO DETERMINE THE SUITABILITY OF A PRODUCT FOR YOUR PARTICULAR PURPOSE PRIOR TO USE. NO WARRANTIES OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE MADE REGARDING PRODUCTS DESCRIBED OR DESIGNS, DATA OR INFORMATION SET FORTH, OR THAT THE PRODUCTS, DESIGNS, DATA OR INFORMATION MAY BE USED WITHOUT INFRINGING THE INTELLECTUAL PROPERTY RIGHTS OF OTHERS. IN NO CASE SHALL THE DESCRIPTIONS, INFORMATION, DATA OR DESIGNS PROVIDED BE CONSIDERED A PART OF OUR TERMS AND CONDITIONS OF SALE. FURTHER, YOU EXPRESSLY

# Safety Data Sheet

## 11-E480 Violet Pearl

Revision date : 2021/02/10

Page: 12/12

Version: 9.1

(30649346/SDS\_GEN\_US/EN)

UNDERSTAND AND AGREE THAT THE DESCRIPTIONS, DESIGNS, DATA, AND INFORMATION FURNISHED BY OUR COMPANY HEREUNDER ARE GIVEN GRATIS AND WE ASSUME NO OBLIGATION OR LIABILITY FOR THE DESCRIPTION, DESIGNS, DATA AND INFORMATION GIVEN OR RESULTS OBTAINED, ALL SUCH BEING GIVEN AND ACCEPTED AT YOUR RISK.  
END OF DATA SHEET