

# Safety Data Sheet

## 20U23 2KUrethaneWhitePrmr

Revision date : 2022/07/21

Version: 2.0

Page: 1/16

(30793167/SDS\_GEN\_US/EN)

### 1. Identification

**Product identifier used on the label**

**20U23 2KUrethaneWhitePrmr**

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

Recommended use\*: Coatings and related products

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

Carc.

1 (by inhalation)

Carcinogenicity

# Safety Data Sheet

## 20U23 2KUrethaneWhitePrmr

Revision date: 2022/07/21

Version: 2.0

Page: 2/16

(30793167/SDS\_GEN\_US/EN)

Aquatic Acute	3	Hazardous to the aquatic environment - acute
Aquatic Chronic	3	Hazardous to the aquatic environment - chronic
Flam. Liq.	2	Flammable liquids
STOT RE	1 (by inhalation)	Specific target organ toxicity — repeated exposure
STOT RE	2	Specific target organ toxicity — repeated exposure

### Label elements

Pictogram:



Signal Word:  
Danger

Hazard Statement:

H225	Highly flammable liquid and vapour.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H350	May cause cancer by inhalation.
H372	Causes damage to organs (lung) through prolonged or repeated exposure (inhalation).
H373	May cause damage to organs (immune system, kidney) through prolonged or repeated exposure (inhalation).
H373	May cause damage to organs (Central nervous system, Liver, Kidney) through prolonged or repeated exposure.
H412	Harmful to aquatic life with long lasting effects.

Precautionary Statements (Prevention):

P280	Wear protective gloves, protective clothing and eye protection or face protection.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P201	Obtain special instructions before use.
P264	Wash contaminated body parts thoroughly after handling.
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.
P240	Ground and bond container and receiving equipment.
P202	Do not handle until all safety precautions have been read and understood.
P270	Do not eat, drink or smoke when using this product.
P260	Do not breathe dust or mist.
P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.

Precautionary Statements (Response):

# Safety Data Sheet

## 20U23 2KUrethaneWhitePrmr

Revision date: 2022/07/21

Version: 2.0

Page: 3/16

(30793167/SDS\_GEN\_US/EN)

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.  
P337 + P313 If eye irritation persists: Get medical attention.  
P308 + P313 IF exposed or concerned: Get medical attention.  
P314 Get medical advice/attention if you feel unwell.

### Precautionary Statements (Storage):

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.

### 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

#### Acetone

CAS Number: 67-64-1  
Content (W/W):  $\geq 7.0 - < 10.0\%$   
Synonym: Acetone

#### ethylbenzene

CAS Number: 100-41-4  
Content (W/W):  $\geq 0.2 - < 0.3\%$   
Synonym: Ethylbenzene

#### 2-heptanone

CAS Number: 110-43-0  
Content (W/W):  $\geq 1.0 - < 3.0\%$   
Synonym: 2-Heptanone; Methyl n-amyl ketone

#### 2,4-pentanedione

CAS Number: 123-54-6  
Content (W/W):  $\geq 1.0 - < 3.0\%$   
Synonym: Acetylacetone

#### n-Butyl acetate

CAS Number: 123-86-4  
Content (W/W):  $\geq 1.0 - < 3.0\%$   
Synonym: n-Butyl acetate

Propanoic acid, 3-ethoxy-, ethyl ester

# Safety Data Sheet

## 20U23 2KUrethaneWhitePrmr

Revision date: 2022/07/21

Version: 2.0

Page: 4/16

(30793167/SDS\_GEN\_US/EN)

CAS Number: 763-69-9

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

Synonym: 3-Ethoxypropanoic acid ethyl ester; Ethyl 3-ethoxypropionate

Xylene

CAS Number: 1330-20-7

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

Synonym: Xylene; Dimethylbenzene

Silicon dioxide

CAS Number: 7631-86-9

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

Synonym: Silicon dioxide

Barium sulfate

CAS Number: 7727-43-7

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

Synonym: Barium sulfate, natural

zinc phosphate

CAS Number: 7779-90-0

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

Synonym: Trizinc bis(orthophosphate)

Titanium dioxide

CAS Number: 13463-67-7

Content (W/W):  $\geq 15.0 - < 20.0\%$

Synonym: C.I. Pigment White 6

talc

CAS Number: 14807-96-6

Content (W/W):  $\geq 7.0 - < 10.0\%$

Synonym: hydrated magnesium silicate

Solvent naphtha (petroleum), light arom.

CAS Number: 64742-95-6

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

Synonym: No data available.

4-chloro- $\alpha,\alpha,\alpha$ -trifluorotoluene

CAS Number: 98-56-6

Content (W/W):  $\geq 15.0 - < 20.0\%$

Synonym: No data available.

Quartz (SiO<sub>2</sub>)

CAS Number: 14808-60-7

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

Synonym: Silicon dioxide

---

## 4. First-Aid Measures

### Description of first aid measures

# Safety Data Sheet

## 20U23 2KUrethaneWhitePrmr

Revision date: 2022/07/21

Version: 2.0

Page: 5/16

(30793167/SDS\_GEN\_US/EN)

### 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.

### If on skin:

Immediately wash thoroughly with soap and water, seek medical attention.

### 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.

### If swallowed:

Immediate medical attention required. Never induce vomiting or give anything by mouth if the victim is unconscious or having convulsions. Do not induce vomiting. Rinse mouth and then drink 200-300 ml of water.

### 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: Acetone

Symptoms: Overexposure may cause:, Eye irritation, irritates the eyes and respiratory tract, skin irritation, erythema, nausea, headache, vomiting, dizziness, diarrhea, abdominal cramps, CNS depression

#### Information on: ethylbenzene

Symptoms: Overexposure may cause:, Eye irritation, skin irritation, irritation of the mucous membranes, erythema, nausea, headache, dizziness, diarrhea, abdominal cramps, dermatitis, loss of hearing, Ingestion may provoke the following symptoms:, asphyxia, dyspnea, choking, respiratory arrest, circulatory collapse

#### Information on: 2-heptanone

Symptoms: Overexposure may cause:, headache, dizziness, nausea, unconsciousness

#### Information on: 2,4-pentanedione

Symptoms: Overexposure may cause:, unconsciousness, vomiting, nausea, headache, dizziness

#### Information on: n-Butyl acetate

Symptoms: Overexposure may cause:, unconsciousness, vomiting, weakness, coordination disorder, nausea, diarrhea, coughing, headache

#### Information on: Propanoic acid, 3-ethoxy-, ethyl ester

Symptoms: Overexposure may cause:, unconsciousness, vomiting, lethargy, nausea, headache, dizziness

#### Information on: Xylene

Symptoms: Overexposure may cause:, coma, weakness, lethargy, confusion, dyspnea, nausea, headache, dizziness

# Safety Data Sheet

## 20U23 2KUrethaneWhitePrmr

Revision date: 2022/07/21

Version: 2.0

Page: 6/16

(30793167/SDS\_GEN\_US/EN)

*Information on: Silicon dioxide*

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

*Information on: Barium sulfate*

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

*Information on: zinc phosphate*

*Symptoms: No data available.*

*Information on: Titanium dioxide*

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

*Information on: talc*

*Symptoms: Overexposure may cause: vomiting, convulsions, cyanosis, irregular breathing, dyspnea*

*Information on: Solvent naphtha (petroleum), light arom.*

*Symptoms: Overexposure may cause: Eye irritation, skin irritation, erythema, nausea, headache, vomiting, dizziness, diarrhea, abdominal cramps, Ingestion may provoke the following symptoms: asphyxia, dyspnea, choking, respiratory arrest, circulatory collapse, death*

*Information on: 4-chloro- $\alpha,\alpha,\alpha$ -trifluorotoluene*

*Symptoms: Overexposure may cause: lethargy, nausea, headache, dizziness*

*Information on: Quartz (SiO<sub>2</sub>)*

*Symptoms: Overexposure may cause: rhinitis, irritation of the mucous membranes, irritates the eyes and respiratory tract, nausea, headache, vomiting, dizziness, diarrhea, abdominal cramps, Inhalation may provoke the following symptoms: coughing, dyspnea, wheezing, respiratory disorders, kidney damage, Repeated exposure may affect the immune system.*

### 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, water spray

Unsuitable extinguishing media for safety reasons:  
water jet

### Special hazards arising from the substance or mixture

Hazards during fire-fighting:

Vapors and/or decomposition products are irritant and/or toxic. If product is heated above decomposition temperature acrid smoke and fumes will be released.

# Safety Data Sheet

## 20U23 2KUrethaneWhitePrmr

Revision date: 2022/07/21

Version: 2.0

Page: 7/16

(30793167/SDS\_GEN\_US/EN)

### Advice for fire-fighters

Protective equipment for fire-fighting:

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

### Further information:

Notify proper authorities. Do not flood burning material with water due to potential spreading of fire. Flash fire may occur. Run-off water from fire may cause pollution. Contain contaminated water/firefighting water. Remove product from areas of fire, or otherwise cool sealed containers with water in order to avoid pressure build up due to heat. Vapours are heavier than air and may accumulate in low areas and travel a considerable distance up to the source of ignition.

---

## 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

Avoid contact with skin and eyes. Use antistatic tools. Extinguish sources of ignition nearby and downwind. Avoid prolonged inhalation. 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. Spills should be contained, solidified, and placed in suitable containers for disposal. Place into appropriately labeled waste containers.

---

## 7. Handling and Storage

### Precautions for safe handling

Handle and open container with care. WARNING: Empty containers may still contain hazardous residue. 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.

Proper ventilation and respiratory protection is required when sanding, flame cutting, welding or brazing coated surfaces. Do not apply to hot surfaces.

Protection against fire and explosion:

Risk of explosion if heated under confinement. Use antistatic tools. Exhaust fans should be explosion proof. Avoid all sources of ignition: heat, sparks, open flame. Provide adequate ventilation to remove solvent vapors from lower levels or work areas and to prevent solvent contact with ignition sources. Sealed containers should be protected against heat as this results in pressure build-up.

### Conditions for safe storage, including any incompatibilities

Segregate from strong bases. Segregate from oxidizing agents. Segregate from incompatible substances. Segregate from strong acids.

Suitable materials for containers: Stove-lacquer R 78433, Stove-lacquer 79/14/3 (Müller/CH), Stove-lacquer C222A/C221A, Stove-lacquer NOVOCAN S-G 500, Stove-lacquer Vitalure 745, Stove-

# Safety Data Sheet

## 20U23 2KUrethaneWhitePrmr

Revision date: 2022/07/21

Version: 2.0

Page: 8/16

(30793167/SDS\_GEN\_US/EN)

lacquer Valspar HXR008F red, Stove-lacquer KNS L-5X, Stove-lacquer RDL 50, Stove-lacquer EHD0022, Stove-lacquer Valspar 1447 grey

Further information on storage conditions: Keep container tightly closed. Protect from direct sunlight.

Storage stability:

Consult local fire marshal for storage requirements.

Protect from temperatures above: 49 °C

## 8. Exposure Controls/Personal Protection

### Components with occupational exposure limits

Acetone	ACGIH, US:	TWA value 250 ppm ;
	ACGIH, US:	STEL value 500 ppm ;
	OSHA Z1:	PEL 1,000 ppm 2,400 mg/m3 ;
ethylbenzene	ACGIH, US:	TWA value 20 ppm ;
	OSHA Z1:	PEL 100 ppm 435 mg/m3 ;
2-heptanone	ACGIH, US:	TWA value 50 ppm ;
	OSHA Z1:	PEL 100 ppm 465 mg/m3 ;
2,4-pentanedione	ACGIH, US:	TWA value 25 ppm ;
	ACGIH, US:	Skin Designation ; Danger of cutaneous absorption
	ACGIH, US:	Skin Designation ; Danger of cutaneous absorption
n-Butyl acetate	ACGIH, US:	STEL value 150 ppm ;
	ACGIH, US:	TWA value 50 ppm ;
	OSHA Z1:	PEL 150 ppm 710 mg/m3 ;
Xylene	ACGIH, US:	TWA value 100 ppm ;
	ACGIH, US:	STEL value 150 ppm ;
	OSHA Z1:	PEL 100 ppm 435 mg/m3 ;
Barium sulfate	ACGIH, US:	TWA value 5 mg/m3 Inhalable fraction ; The value is for particulate matter containing no asbestos and <1% crystalline silica.
	OSHA Z1:	PEL 15 mg/m3 Total dust ;
	OSHA Z1:	PEL 5 mg/m3 Respirable fraction ;



# Safety Data Sheet

## 20U23 2KUrethaneWhitePrmr

Revision date: 2022/07/21

Version: 2.0

Page: 9/16

(30793167/SDS\_GEN\_US/EN)

Titanium dioxide	ACGIH, US: OSHA Z1:	TWA value 10 mg/m <sup>3</sup> ; PEL 15 mg/m <sup>3</sup> Total dust ;
talc	ACGIH, US:  OSHA Z3:  OSHA Z3:  OSHA Z3:	TWA value 2 mg/m <sup>3</sup> Respirable fraction ; The value is for particulate matter containing no asbestos and <1% crystalline silica. TWA value 20 millions of particles per cubic foot of air ; TWA value 2.4 millions of particles per cubic foot of air Respirable ; The exposure limit is calculated from the equation, $250/(\%SiO_2+5)$ , using a value of 100% SiO <sub>2</sub> . Lower percentages of SiO <sub>2</sub> will yield higher exposure limits. TWA value 0.1 mg/m <sup>3</sup> Respirable ; The exposure limit is calculated from the equation, $10mg/m^3/(\%SiO_2+2)$ , using a value of 100% SiO <sub>2</sub> . Lower percentages of SiO <sub>2</sub> will yield higher exposure limits.
Quartz (SiO <sub>2</sub> )	OSHA, US: OSHA, US:  ACGIH, US:	TWA value 0.05 mg/m <sup>3</sup> (Respirable dust); OSHA Action level 0.025 mg/m <sup>3</sup> (Respirable dust);  TWA value 0.025 mg/m <sup>3</sup> Respirable fraction ;

### Advice on system design:

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

General mechanical ventilation should comply with OSHA 1910.94.

### Personal protective equipment

#### Respiratory protection:

Do not exceed the maximum use concentration for the respirator facepiece/cartridge combination. Respiratory protection may not be required under normal operating conditions if adequate ventilation is provided. Wear a NIOSH-certified (or equivalent) organic vapour respirator. Particulate filters should be added during spray operations. Wear respiratory protection if ventilation is inadequate.

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.

# Safety Data Sheet

## 20U23 2KUrethaneWhitePrmr

Revision date: 2022/07/21

Version: 2.0

Page: 10/16

(30793167/SDS\_GEN\_US/EN)

### 9. Physical and Chemical Properties

Form:	liquid	
Odour:	ketone-like	
Odour threshold:	No applicable information available.	
Colour:	white	
pH value:	No applicable information available.	
Melting point:	No applicable information available.	
Freezing point:	No applicable information available.	
Boiling range:	71 - 81 °C	
	160 - 178 °F	
Sublimation point:	No applicable information available.	
Flash point:	-5 °C	(ASTM D3278)
	23 °F	(ASTM D3278)
	The product burns self-sustainingly	
Flammability:	No applicable information available.	
Lower explosion limit:	No applicable information available.	
Upper explosion limit:	12.80 %(V)	
Autoignition:	No applicable information available.	
Vapour pressure:	123.00 hPa	
	( 20 °C)	
	416.00 hPa	
	( 50 °C)	
Density:	1.577 g/cm3	
	( 20 °C)	
	13.1607 lb/USg	
Relative density:	1.5771	
	( 20 °C)	
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:	274.0 mm2/s	
Solubility in water:	No applicable information available.	
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

The product is chemically stable.

#### Possibility of hazardous reactions

No applicable information available.

#### Conditions to avoid

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

# Safety Data Sheet

## 20U23 2KUrethaneWhitePrmr

Revision date: 2022/07/21

Version: 2.0

Page: 11/16

(30793167/SDS\_GEN\_US/EN)

### Incompatible materials

strong oxidizing agents, strong bases, strong acids

### Hazardous decomposition products

Decomposition products:

carbon dioxide, carbon monoxide

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.

Primary routes of entry

Solvents are absorbed through the skin.

### Acute Toxicity/Effects

Acute toxicity

Assessment of acute toxicity: Based on available data, the classification criteria are not met.

Assessment other acute effects

Assessment of STOT single:

Based on available data, the classification criteria are not met.

Irritation / corrosion

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

*Information on: Acetone*

*Assessment of irritating effects: Irritating to eyes. Not irritating to the skin. Repeated exposure may cause skin dryness or cracking.*

*Information on: ethylbenzene*

*Assessment of irritating effects: May cause slight irritation to the skin. May cause slight irritation to the eyes.*

*Information on: Xylene*

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

*Information on: Solvent naphtha (petroleum), light arom.*

*Assessment of irritating effects: May cause slight irritation to the skin. May cause slight irritation to the eyes. The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.*

*Information on: 4-chloro- $\alpha,\alpha,\alpha$ -trifluorotoluene*

*Assessment of irritating effects: May cause slight irritation to the skin. Not irritating to the eyes.*

-----

# Safety Data Sheet

## 20U23 2KUrethaneWhitePrmr

Revision date: 2022/07/21

Version: 2.0

Page: 12/16

(30793167/SDS\_GEN\_US/EN)

### Sensitization

Assessment of sensitization: Sensitization after skin contact possible.

*Information on: 2,4-pentanedione*

*Assessment of sensitization:*

*The chemical structure suggests a sensitizing effect.*

### Aspiration Hazard

No aspiration hazard expected.

## Chronic Toxicity/Effects

### Repeated dose toxicity

Assessment of repeated dose toxicity: Repeated exposure may affect certain organs.

*Information on: Acetone*

*Assessment of repeated dose toxicity: The substance may cause damage to the testes after repeated ingestion of high doses, as shown in animal studies. The substance may cause damage to the hematological system after repeated ingestion of high doses. The substance may cause damage to the kidney after repeated ingestion of high doses, as shown in animal studies.*

*Information on: ethylbenzene*

*Assessment of repeated dose toxicity: The substance may cause damage to the liver after repeated ingestion of high doses, as shown in animal studies. The substance may cause deafness after repeated inhalation. The substance may cause deafness after repeated ingestion.*

*Information on: n-Butyl acetate*

*Assessment of repeated dose toxicity: After repeated exposure the prominent effect is local irritation.*

*Information on: Xylene*

*Assessment of repeated dose toxicity: Overexposure may cause liver and kidney toxicity. Repeated exposure may affect certain organs. Damages the central nerve system. The substance can cause changes in the following organs after repeated exposure to large quantities: Liver Kidney*

*Information on: Titanium dioxide*

*Assessment of repeated dose toxicity: Repeated oral uptake of the substance did not cause substance-related effects. The substance may cause increase in lung mass and lung tissue changes after repeated inhalation.*

*Information on: Solvent naphtha (petroleum), light arom.*

*Assessment of repeated dose toxicity: After repeated exposure the prominent effect is local irritation. The substance may cause damage to the liver after repeated ingestion.*

*Effects on the kidney of male rats were detected after repeated exposure. These effects are specific for the male rat and are known to be of no relevance to humans. The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.*

*Information on: 4-chloro- $\alpha,\alpha,\alpha$ -trifluorotoluene*

*Assessment of repeated dose toxicity: Repeated exposure to the substance by oral administration leads to effects similar to those found after single exposure. Repeated exposure to the substance by inhalative administration leads to effects similar to those found after single exposure.*

*May affect the liver and kidneys as indicated in animal studies. Overexposure may cause blood abnormalities.*

*Information on: Quartz (SiO<sub>2</sub>)*

# Safety Data Sheet

## 20U23 2KUrethaneWhitePrmr

Revision date: 2022/07/21

Version: 2.0

Page: 13/16

(30793167/SDS\_GEN\_US/EN)

*Assessment of repeated dose toxicity: The substance may cause increase in lung mass and lung tissue changes after repeated inhalation.*

*This product may contain greater than 0.1% crystalline silica. Repeated exposure to high concentrations results in silicosis, a lung disease characterized by coughing, difficult breathing, wheezing, scarring of the lungs, and repeated, non-specific chest illnesses.*

*OSHA (Occupational Safety and Health Administration) has classified this substance as harmful to the lung, kidney and immune system following repeated inhalation exposure.*

-----

### Genetic toxicity

Assessment of mutagenicity: Based on available data, the classification criteria are not met.

### Carcinogenicity

Assessment of carcinogenicity: May cause cancer.

#### *Information on: ethylbenzene*

*Assessment of carcinogenicity: Indication of possible carcinogenic effect in animal tests. The effect is caused by an animal specific mechanism that has no human counter part. A clear indication of an increased risk of cancer in humans has so far not been shown. IARC (International Agency for Research on Cancer) has classified this substance as group 2B (The agent is possibly carcinogenic to humans).*

#### *Information on: Titanium dioxide*

*Assessment of carcinogenicity: IARC (International Agency for Research on Cancer) has classified this substance as group 2B (The agent is possibly carcinogenic to humans). In long-term studies in rats in which the substance was given by inhalation, a carcinogenic effect was observed. Tumors were only observed in rats after chronic inhalative exposure to high concentrations which caused sustained lung inflammation. In long-term studies in rats and mice in which the substance was given by feed, a carcinogenic effect was not observed. Dermal exposure is not expected to be carcinogenic.*

#### *Information on: 4-chloro- $\alpha,\alpha,\alpha$ -trifluorotoluene*

*Assessment of carcinogenicity: Indication of possible carcinogenic effect in animal tests. On the basis of currently available information, a final assessment is not possible.*

#### *Information on: Quartz (SiO<sub>2</sub>)*

*Assessment of carcinogenicity: In long-term studies in rats and mice in which the substance was given by feed, a carcinogenic effect was not observed. In long-term animal studies in which the substance was given by inhalation in high doses, a carcinogenic effect was observed. The substance and its compounds in the form of respirable dusts/aerosols is classified by the German MAK commission as a category 1 carcinogen (substances that cause cancer to humans). A carcinogenic effect cannot safely be ruled out. The inhalation uptake of the alveolar fraction of the fine dust may cause damage to the lungs. The International Agency for Research on Cancer (IARC) has classified this substance as a Group 1 (known) human carcinogen.*

*NTP listed carcinogen*

*OSHA (Occupational Safety and Health Administration) has classified this substance as carcinogenic.*

-----

### Reproductive toxicity

Assessment of reproduction toxicity: Based on available data, the classification criteria are not met.

#### *Information on: Acetone*

# Safety Data Sheet

## 20U23 2KUrethaneWhitePrmr

Revision date: 2022/07/21  
Version: 2.0

Page: 14/16  
(30793167/SDS\_GEN\_US/EN)

*Assessment of reproduction toxicity: As shown in animal studies, the product may cause damage to the testes after repeated high exposures that cause other toxic effects.*

*Information on: 4-chloro- $\alpha,\alpha,\alpha$ -trifluorotoluene*

*Assessment of reproduction toxicity: The potential to impair fertility cannot be excluded when given at high doses. On the basis of currently available information, a final assessment is not possible. No reproductive toxic effects reported.*

### Teratogenicity

Assessment of teratogenicity: Based on available data, the classification criteria are not met.

*Information on: 2,4-pentanedione*

*Assessment of teratogenicity: The substance did not cause malformations in animal studies. When given in high doses fetotoxicity was observed.*

*The substance did not cause malformations in animal studies; however, toxicity to development was observed at doses that were toxic to the parental animals.*

## 12. Ecological Information

### **Toxicity**

Aquatic toxicity

Assessment of aquatic toxicity:

Harmful to aquatic life. Harmful to aquatic life with long lasting effects. There are no test results available for this product. Do not allow to enter drains or waterways.

## 13. Disposal considerations

Waste disposal of substance:

Do not incinerate closed containers. The use and processing of this product, or addition of other constituents, may cause it to be considered a hazardous waste. Do not discharge into drains/surface waters/groundwater.

Incinerate or dispose of in a RCRA-licensed facility. Dispose of in accordance with national, state and local regulations. It is the waste generator's responsibility to determine if a particular waste is hazardous under RCRA.

### **Container disposal:**

Do not reuse containers without commercial reconditioning. WARNING: Empty containers may still contain hazardous residue.

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

## 14. Transport Information

### **Land transport**

USDOT

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

# Safety Data Sheet

## 20U23 2KUrethaneWhitePrmr

Revision date: 2022/07/21

Version: 2.0

Page: 15/16

(30793167/SDS\_GEN\_US/EN)

### Sea transport

IMDG

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

### Air transport

IATA/ICAO

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

## 15. Regulatory Information

### Federal Regulations

#### Registration status:

Chemical TSCA, US released / listed

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

#### EPCRA 313:

<u>CAS Number</u>	Chemical name
100-41-4	ethylbenzene
1330-20-7	Xylene
7727-43-7	Barium sulfate
7779-90-0	zinc phosphate

### State regulations

#### State RTK

NJ

#### CAS Number

67-64-1

100-41-4

110-43-0

123-54-6

123-86-4

1330-20-7

7779-90-0

13463-67-7

14807-96-6

98-56-6

14808-60-7

PA

67-64-1

110-43-0

123-54-6

#### Chemical name

Acetone

ethylbenzene

2-heptanone

2,4-pentanedione

n-Butyl acetate

Xylene

zinc phosphate

Titanium dioxide

talc

4-chloro- $\alpha,\alpha,\alpha$ -trifluorotoluene

Quartz (SiO<sub>2</sub>)

Acetone

2-heptanone

2,4-pentanedione

# Safety Data Sheet

## 20U23 2KUrethaneWhitePrmr

Revision date: 2022/07/21

Version: 2.0

Page: 16/16

(30793167/SDS\_GEN\_US/EN)

123-86-4	n-Butyl acetate
1330-20-7	Xylene
7631-86-9	Silicon dioxide
7727-43-7	Barium sulfate
7779-90-0	zinc phosphate
13463-67-7	Titanium dioxide
14807-96-6	talc
14808-60-7	Quartz (SiO <sub>2</sub> )

### Safe Drinking Water & Toxic Enforcement Act, CA Prop. 65:

**WARNING:** This product can expose you to chemicals including METHYL ISOBUTYL KETONE (MIBK), which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

### NFPA Hazard codes:

Health: 3      Fire: 3      Reactivity: 0      Special:

### HMIS III rating

Health: 3α      Flammability: 3      Physical hazard: 0

## 16. Other Information

### SDS Prepared by:

BASF NA Product Regulations

SDS Prepared on: 2022/07/21

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 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