

Safety Data Sheet

92993 HS HRDNR NORMAL

Revision date : 2023/11/02
Version: 4.0

Page: 1/15
(30166814/SDS_GEN_US/EN)

1. Identification

Product identifier used on the label

92993 HS HRDNR NORMAL

Recommended use of the chemical and restriction on use

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

CHEMREC: 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

| | | |
|-----------------|--|--|
| Resp. Sens. | 1 | Respiratory sensitization |
| Skin Sens. | 1 | Skin sensitization |
| Flam. Liq. | 3 | Flammable liquids |
| Aquatic Acute | 3 | Hazardous to the aquatic environment - acute |
| Eye Dam./Irrit. | 2A | Serious eye damage/eye irritation |
| STOT SE | 3 (irritating to respiratory system, May | Specific target organ toxicity — single exposure |

Safety Data Sheet

92993 HS HRDNR NORMAL

Revision date: 2023/11/02

Version: 4.0

Page: 2/15

(30166814/SDS_GEN_US/EN)

| | | | |
|---------|-------------------|----------------------------------|--|
| STOT RE | 2 | cause drowsiness and dizziness.) | Specific target organ toxicity — repeated exposure |
| STOT RE | 1 (by inhalation) | | Specific target organ toxicity — repeated exposure |

Label elements

Pictogram:



Signal Word:

Danger

Hazard Statement:

| | |
|------|--|
| H226 | Flammable liquid and vapour. |
| H317 | May cause an allergic skin reaction. |
| H319 | Causes serious eye irritation. |
| H334 | May cause allergy or asthma symptoms or breathing difficulties if inhaled. |
| H335 | May cause respiratory irritation. |
| H336 | May cause drowsiness or dizziness. |
| H402 | Harmful to aquatic life. |
| H373 | May cause damage to organs (Auditory organ, Central nervous system, Kidney, Liver) through prolonged or repeated exposure. |

Hazard Statement:

| | |
|------|---|
| H372 | Causes damage to organs (Lung) through prolonged or repeated exposure (inhalation). |
|------|---|

Precautionary Statements (Prevention):

| | |
|------|--|
| P271 | Use only outdoors or in a well-ventilated area. |
| P280 | Wear protective gloves, protective clothing and eye protection or face protection. |
| P273 | Avoid release to the environment. |
| P272 | Contaminated work clothing should not be allowed out of the workplace. |
| P270 | Do not eat, drink or smoke when using this product. |
| P240 | Ground and bond container and receiving equipment. |
| P210 | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. |
| P233 | Keep container tightly closed. |
| P243 | Take action to prevent static discharges. |
| P241 | Use explosion-proof electrical, ventilating and lighting equipment. |
| P242 | Use non-sparking tools. |
| P264 | Wash contaminated body parts thoroughly after handling. |
| P260 | Do not breathe mist or vapour or spray. |

Precautionary Statements (Response):

Safety Data Sheet

92993 HS HRDNR NORMAL

Revision date: 2023/11/02

Version: 4.0

Page: 3/15

(30166814/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. |
| P312 | Call a POISON CENTER or physician if you feel unwell. |
| P314 | Get medical advice/attention if you feel unwell. |
| P342 + P311 | If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician. |
| P337 + P313 | If eye irritation persists: Get medical attention. |
| P304 + P340 | IF INHALED: Remove person to fresh air and keep comfortable for breathing. |
| P303 + P361 + P353 | IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. |
| P333 + P313 | If skin irritation or rash occurs: Get medical attention. |
| P362 + P364 | Take off contaminated clothing and wash it before reuse. |
| P370 + P378 | In case of fire: Use water spray for extinction. |
| P302 + P352 | IF ON SKIN: Wash with plenty of soap and water. |

Precautionary Statements (Storage):

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

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

HDI-Oligomer(Trimer)

CAS Number: 28182-81-2
Content (W/W): >= 25.0 - < 50.0%
Synonym: No data available.

n-Butyl acetate

CAS Number: 123-86-4
Content (W/W): >= 20.0 - < 25.0%
Synonym: Essigsäure-n-butylester

Propanoic acid, 3-ethoxy-, ethyl ester

CAS Number: 763-69-9
Content (W/W): >= 15.0 - < 20.0%
Synonym: 3-Ethoxypropanoic acid ethyl ester; Ethyl 3-ethoxypropionate

2-butoxyethyl acetate

CAS Number: 112-07-2
Content (W/W): >= 10.0 - < 15.0%
Synonym: (2-Butoxyethyl)acetat

Xylene

CAS Number: 1330-20-7

Safety Data Sheet

92993 HS HRDNR NORMAL

Revision date: 2023/11/02

Version: 4.0

Page: 4/15

(30166814/SDS_GEN_US/EN)

Content (W/W): >= 7.0 - < 10.0%
Synonym: Xylene; Dimethylbenzene

Benzoic acid

CAS Number: 65-85-0
Content (W/W): >= 1.0 - < 3.0%
Synonym: Benzoic acid; Benzenecarboxylic acid

ethylbenzene

CAS Number: 100-41-4
Content (W/W): >= 1.0 - < 3.0%
Synonym: Ethylbenzene

1,6-hexamethylene diisocyanate

CAS Number: 822-06-0
Content (W/W): >= 0.1 - < 0.2%
Synonym: Hexamethylene diisocyanate

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.

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: Benzoic acid

Symptoms: Overexposure may cause: Eye irritation, skin irritation, erythema, nausea, headache, vomiting, dizziness, diarrhea, abdominal cramps

Safety Data Sheet

92993 HS HRDNR NORMAL

Revision date: 2023/11/02

Version: 4.0

Page: 5/15

(30166814/SDS_GEN_US/EN)

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-butoxyethyl acetate

Symptoms: Overexposure may cause:; vomiting, polyuria, renal failure, nausea, headache

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: 1,6-hexamethylene diisocyanate

Symptoms: Overexposure may cause:; Eye irritation, skin irritation, erythema, nausea, headache, vomiting, dizziness, diarrhea, abdominal cramps

Information on: Xylene

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

Information on: HDI-Oligomer(Trimer)

Symptoms: Overexposure may cause:; Eye irritation, skin irritation, erythema, nausea, headache, vomiting, dizziness, diarrhea, abdominal cramps

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.

Advice for fire-fighters

Protective equipment for fire-fighting:
Firefighters should be equipped with self-contained breathing apparatus and turn-out gear.

Safety Data Sheet

92993 HS HRDNR NORMAL

Revision date: 2023/11/02

Version: 4.0

Page: 6/15

(30166814/SDS_GEN_US/EN)

Further information:

Avoid water contamination in closed containers of confined areas, because carbon dioxide gas is generated. 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. Wash down spill area with decontamination solution. Spill area can be decontaminated with the following recommended decontamination solution: Allow solution to stand for at least 10 minutes. Remove containers to a safe place, cover loosely, and allow to stand for 24 to 48 hours before sealing and disposing. Shovel into open container. Add additional decontamination solution to waste container. Mixture of 80 % water and 20 % non-ionic surfactant, or 90 - 95 % water, 3 - 8 % concentrated ammonia and 2 % detergent.

7. Handling and Storage

Precautions for safe handling

Handle and open container with care. Avoid water contamination in closed containers of confined areas, because carbon dioxide gas is generated. **WARNING:** Empty containers may still contain hazardous residue. If bulging of drum occurs, transfer to well ventilated area, puncture to relieve pressure, open vent and let stand for 48 hours before resealing. Do not reseal container if contamination of the product is suspected. 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

Safety Data Sheet

92993 HS HRDNR NORMAL

Revision date: 2023/11/02

Version: 4.0

Page: 7/15

(30166814/SDS_GEN_US/EN)

Segregate from strong bases. Segregate from oxidizing agents. Segregate from incompatible substances. Segregate from metals. Segregate from strong acids. Keep away from water.

Suitable materials for containers: Carbon steel (Iron), tinned carbon steel (Tinplate)

Further information on storage conditions: Keep container tightly closed. Protect against moisture. Carbon dioxide gas can cause containers to expand and possibly rupture explosively. Store protected against freezing. Protect from direct sunlight. If moisture enters isocyanate containers, CO₂ forms and pressure builds up.

Storage stability:

Storage temperature: 25 - 35 °C

Consult local fire marshal for storage requirements.

Slow non-hazardous polymerization possible when at or exceeding maximum temperatures.

Protect from temperatures above: 50 °C

8. Exposure Controls/Personal Protection

Components with occupational exposure limits

| | |
|--------------------------------|--|
| ethylbenzene | ACGIH, US: TWA value 20 ppm ; OSHA Z1: PEL 100 ppm 435 mg/m ³ ; |
| 2-butoxyethyl acetate | ACGIH, US: TWA value 20 ppm ; |
| n-Butyl acetate | ACGIH, US: STEL value 150 ppm ; ACGIH, US: TWA value 50 ppm ; OSHA Z1: PEL 150 ppm 710 mg/m ³ ; |
| 1,6-hexamethylene diisocyanate | ACGIH, US: TWA value 0.005 ppm ; |
| Xylene | OSHA Z1: PEL 100 ppm 435 mg/m ³ ; ACGIH, US: TWA value 20 ppm ; |

Advice on system design:

General mechanical ventilation should comply with OSHA 1910.94.

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. For situations where the airborne concentrations may exceed the level for which an air purifying respirator is effective, or where the levels are unknown or Immediately Dangerous to Life or Health (IDLH), use NIOSH-certified full facepiece pressure demand self-contained breathing apparatus (SCBA) or a full facepiece pressure demand supplied-air respirator (SAR) with escape provisions. Respiratory protection equipment must be approved for use with isocyanates.

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

Safety Data Sheet

92993 HS HRDNR NORMAL

Revision date: 2023/11/02

Version: 4.0

Page: 8/15

(30166814/SDS_GEN_US/EN)

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. Consider the type of application and environmental concentrations to maintain the actual exposures below the established exposure limits. Employee education and training in the safe use and handling of isocyanates is required under the OSHA Communication Standard. 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: | No data available. |
| Odour threshold: | No applicable information available. |
| Colour: | colourless |
| pH value: | No applicable information available. substance/mixture reacts violently with water |
| Melting point: | No applicable information available. |
| Freezing point: | No applicable information available. |
| Boiling range: | 134 - 144 °C 273 - 291 °F |
| Sublimation point: | No applicable information available. |
| Flash point: | 35 °C 95 °F (ASTM D3278) (ASTM D3278) |
| Flammability: | The product burns self-sustainingly |
| Lower explosion limit: | No applicable information available. |
| Upper explosion limit: | No applicable information available. |
| Autoignition: | 8.54 %(V) |
| Vapour pressure: | No applicable information available. 7.00 hPa (20 °C) 37.00 hPa (50 °C) |
| Density: | 1.004 g/cm ³ (20 °C) 8.3788 lb/USg |
| Relative density: | 1.0042 (20 °C) |
| Vapour density: | Heavier than air. |
| Partitioning coefficient n-octanol/water (log Pow): | not applicable for mixtures |

Safety Data Sheet

92993 HS HRDNR NORMAL

Revision date: 2023/11/02

Version: 4.0

Page: 9/15

(30166814/SDS_GEN_US/EN)

| | |
|----------------------------|--|
| Thermal decomposition: | Risk of polymerization above the indicated temperature in the presence of moisture and isocyanate reactive substances. |
| Viscosity, dynamic: | No applicable information available. |
| Viscosity, kinematic: | 20.7 mm ² /s (23 °C) (40 °C) |
| | No data available. |
| Solubility in water: | Reacts with water. |
| 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

The product is chemically stable.

Possibility of hazardous reactions

On contact with water, gaseous decomposition products are formed, which cause build-up of pressure in tightly closed containers. Reacts with water.

Conditions to avoid

Avoid all sources of ignition: heat, sparks, open flame. Avoid direct contact with water. Avoid electrostatic discharge.

Incompatible materials

strong oxidizing agents, strong bases, strong acids, thiols, transition metal salts, water, amines, alcohols

Hazardous decomposition products

Decomposition products:

nitrogen oxides, carbon dioxide, carbon monoxide, hydrogen cyanide

Thermal decomposition:

Risk of polymerization above the indicated temperature in the presence of moisture and isocyanate reactive substances.

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.

Safety Data Sheet

92993 HS HRDNR NORMAL

Revision date: 2023/11/02

Version: 4.0

Page: 10/15
(30166814/SDS_GEN_US/EN)

Acute Toxicity/Effects

Acute toxicity

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

Oral

Type of value: ATE

Value: 18,801 mg/kg

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

Inhalation

Type of value: ATE

Value: 24 mg/l

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

Dermal

Type of value: ATE

Value: 14,999 mg/kg

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

Assessment other acute effects

Assessment of STOT single:

Causes temporary irritation of the respiratory tract. Possible narcotic effects (drowsiness or dizziness).

Irritation / corrosion

Assessment of irritating effects: Eye contact causes irritation.

Information on: Benzoic acid

Assessment of irritating effects: *Irritating to skin. Causes serious eye damage.*

Information on: ethylbenzene

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

Information on: 1,6-hexamethylene diisocyanate

Assessment of irritating effects: *Irritating to eyes and skin.*

Irritating to eyes, respiratory system and skin. Skin contact may result in dermatitis, either irritative or allergic. Overexposure to the eyes may cause irritation, redness, scratching of the cornea, and tearing. Repeated or prolonged skin contact can cause drying and cracking of the skin.

Information on: Xylene

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

Sensitization

Assessment of sensitization: The substance may cause sensitization of the respiratory tract. Sensitization after skin contact possible.

Information on: 1,6-hexamethylene diisocyanate

Assessment of sensitization:

Safety Data Sheet

92993 HS HRDNR NORMAL

Revision date: 2023/11/02

Version: 4.0

Page: 11/15
(30166814/SDS_GEN_US/EN)

The substance may cause sensitization of the respiratory tract. Sensitization after skin contact possible.

As a result of previous repeated overexposures or a single large dose, certain individuals will develop isocyanate sensitization (chemical asthma) which will cause them to react to a later exposure to isocyanate at levels well below the PEL/TLV. These symptoms, which include chest tightness, wheezing, cough, shortness of breath, or asthmatic attack, could be immediate or delayed up to several hours after exposure. Similar to many non-specific asthmatic responses, there are reports that once sensitized an individual can experience these symptoms upon exposure to dust, cold air, or other irritants. This increased lung sensitivity can persist for weeks and in severe cases for several years. Chronic overexposure to isocyanates has also been reported to cause lung damage, including a decrease in lung function, which may be permanent. Prolonged contact can cause reddening, swelling, rash, scaling, or blistering. In those who have developed a skin sensitization, these symptoms can develop as a result of contact with very small amounts of liquid material, or even as a result of vapour-only exposure. Animal tests indicate that skin contact may play a role in causing respiratory sensitization.

Information on: HDI-Oligomer(Trimer)

Assessment of sensitization:

Caused skin sensitization in animal studies.

Aspiration Hazard

No aspiration hazard expected.

Chronic Toxicity/Effects

Repeated dose toxicity

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

Information on: Benzoic acid

Assessment of repeated dose toxicity: The substance may cause damage to the lung even after repeated ingestion of low 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: 1,6-hexamethylene diisocyanate

Assessment of repeated dose toxicity: After repeated exposure the prominent effect is local irritation. Based on the chemical structure a neurotoxic effect by repeated administration cannot be excluded.

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: HDI-Oligomer(Trimer)

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

Genetic toxicity

Safety Data Sheet

92993 HS HRDNR NORMAL

Revision date: 2023/11/02

Version: 4.0

Page: 12/15
(30166814/SDS_GEN_US/EN)

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

Carcinogenicity

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

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).

Reproductive toxicity

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

Teratogenicity

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

Information on: Benzoic acid

Assessment of teratogenicity: The product has not been tested. The statement has been derived from substances/products of a similar structure or composition. The substance did not cause malformations in animal studies; however, toxicity to development was observed at doses that were toxic to the parental animals.

Medical conditions aggravated by overexposure

Medical supervision of all employees who handle or come into contact with isocyanates is recommended. Persons with asthmatic conditions, chronic bronchitis, other chronic respiratory diseases, recurrent eczema or pulmonary sensitization should be excluded from working with isocyanates. Once a person is diagnosed as having pulmonary sensitization (allergic asthma) to isocyanates, further exposure is not recommended. The isocyanate component is a respiratory sensitizer. It may cause allergic reaction leading to asthma-like spasms of the bronchial tubes and difficulty in breathing.

12. Ecological Information

Toxicity

Aquatic toxicity

Assessment of aquatic toxicity:

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

Additional information

Other ecotoxicological advice:

Acutely toxic for aquatic organisms.

Safety Data Sheet

92993 HS HRDNR NORMAL

Revision date: 2023/11/02

Version: 4.0

Page: 13/15
(30166814/SDS_GEN_US/EN)

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: | III |
| ID number: | UN 1263 |
| Hazard label: | 3 |
| Proper shipping name: | PAINT RELATED MATERIAL |

Sea transport

IMDG

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

Air transport

IATA/ICAO

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

15. Regulatory Information

Federal Regulations**Registration status:**

Chemical TSCA, US released / listed

Safety Data Sheet

92993 HS HRDNR NORMAL

Revision date: 2023/11/02

Version: 4.0

Page: 14/15
(30166814/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> |
|-------------------|-----------------------|
| 100-41-4 | ethylbenzene |
| 1330-20-7 | Xylene |
| 112-07-2 | 2-butoxyethyl acetate |

State regulations

| <u>State RTK</u> | <u>CAS Number</u> | <u>Chemical name</u> |
|------------------|-------------------|-----------------------|
| NJ | 100-41-4 | ethylbenzene |
| | 112-07-2 | 2-butoxyethyl acetate |
| | 123-86-4 | n-Butyl acetate |
| | 1330-20-7 | Xylene |
| | 65-85-0 | Benzoic acid |
| | 65-85-0 | Benzoic acid |
| | 100-41-4 | ethylbenzene |
| | 112-07-2 | 2-butoxyethyl acetate |
| PA | 123-86-4 | n-Butyl acetate |
| | 1330-20-7 | Xylene |

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

WARNING: This product can expose you to chemicals including BENZENE, 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.

NFPA Hazard codes:

Health: 2 Fire: 3 Reactivity: 0 Special:

HMIS III rating

Health: 2 Flammability: 3 Physical hazard: 0

16. Other Information

SDS Prepared by:

BASF NA Product Regulations

SDS Prepared on: 2023/11/02

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

Safety Data Sheet

92993 HS HRDNR NORMAL

Revision date: 2023/11/02

Version: 4.0

Page: 15/15
(30166814/SDS_GEN_US/EN)

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