

Safety Data Sheet RLHV-US-SDS

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

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| DRIVING SURFACE PERFECTION | Issue date: 08/13/2015 | Revision date: 04/01/2020 | Supersedes: 01/07/2019 | Version: 4.0 |
| SECTION 1: Identification | | | | |
| 1.1. Identification | | | | |
| Product form | : Mixture | | | |
| Trade name | : RAPTOR H | IARDENER 2.6 VOC | | |
| UP Number | UP4824, UI | P4874 | | |
| 1.2. Recommended use and re | strictions on use | | | |
| Use of the substance/mixture | : Coatings ar | nd paints, thinners, paint remove | rs | |
| Recommended use | : Hardener | | | |
| Restrictions on use | : Consumer | uses: Private households (= gene | eral public = consumers) | |
| 1.3. Supplier | | | | |
| U-POL US Inc 108 Commerce Way Easton, PA 18040 - United States T 1-800-340-7824 - F 1-800-787-5150 technicalsupport@u-pol.com - www.u- 1.4. Emergency telephone num | pol.com | | | |
| Emergency number | : CHEMTRE | C - 1-800-424-9300 | | |
| SECTION 2: Hazard(s) identi | fication | | | |
| 2.1. Classification of the subst | ance or mixture | | | |
| GHS US classification | | | | |
| Flammable liquids Category 2 Serious eye damage/eye irritation Cat Skin sensitization, Category 1 Carcinogenicity Category 2 Specific target organ toxicity — Single 3, Respiratory tract irritation Specific target organ toxicity — Single 3, Narcosis | egory 2 Cau May Sus exposure, Category May exposure, Category May | hly flammable liquid and vapor uses serious eye irritation y cause an allergic skin reaction spected of causing cancer y cause respiratory irritation y cause drowsiness or dizziness | | |
| Specific target organ toxicity (repeated Category 2 | | y cause damage to organs (heari nalation) | ng organs) through prolonged o | or repeated exposure |
| 2.2. GHS Label elements, inclu | iding precautionary state | ements | | |
| GHS US labeling | | | | |
| Hazard pictograms (GHS US) | | | > | |
| Signal word (GHS US) | : Danger | | | |
| Hazard statements (GHS US) | May cause Causes ser May cause May cause | mable liquid and vapor an allergic skin reaction ious eye irritation respiratory irritation drowsiness or dizziness of causing cancer | | |

Precautionary statements (GHS US)

(Inhalation)

smoking.

•

Suspected of causing cancer

Keep container tightly closed. Use only non-sparking tools.

Obtain special instructions before use.

Do not breathe vapors, spray, fume. Wash hands thoroughly after handling.

Take precautionary measures against static discharge.

May cause damage to organs (hearing organs) through prolonged or repeated exposure

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No

Do not handle until all safety precautions have been read and understood.

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| Use only outdoors or in a well-ventilated area. |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Contaminated work clothing must not be allowed out of the workplace. |
| Wear eye protection, protective gloves, protective clothing. |
| If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. |
| If inhaled: Remove person to fresh air and keep comfortable for breathing. |
| IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| If exposed or concerned: Get medical advice/attention. |
| If skin irritation or rash occurs: Get medical advice/attention. |
| If eye irritation persists: Get medical advice/attention. |
| Take off contaminated clothing and wash it before reuse. |
| In case of fire: Use dry sand, extinguishing powder, foam to extinguish. |
| Store in a well-ventilated place. Keep cool. |
| Store locked up. |
| Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation. |

2.3. Other hazards which do not result in classification

2.4. Unknown acute toxicity (GHS US)

SECTION 3: Composition/Information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

| Name | Product identifier | % | GHS US classification |
|---------------------------------------------|----------------------|---------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| hexamethylene diisocyanate oligomers | (CAS-No.) 28182-81-2 | < 43 | Acute Tox. 4 (Inhalation), H332 Skin Sens. 1, H317 STOT SE 3, H335 |
| methyl acetate | (CAS-No.) 79-20-9 | 23 – 43 | Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336 |
| 4-chlorobenzotrifluoride | (CAS-No.) 98-56-6 | 5 – 23 | Flam. Liq. 3, H226 Skin Sens. 1, H317 Carc. 2, H351 Aquatic Chronic 2, H411 |
| Xylene | (CAS-No.) 1330-20-7 | 5 – 23 | Flam. Liq. 3, H226 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation), H332 Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335 STOT RE 2, H373 Asp. Tox. 1, H304 |
| n-butyl acetate | (CAS-No.) 123-86-4 | < 5 | Flam. Liq. 3, H226 STOT SE 3, H336 |
| solvent naphtha (petroleum), light aromatic | (CAS-No.) 64742-95-6 | < 5 | Flam. Liq. 3, H226 STOT SE 3, H336 STOT SE 3, H335 Asp. Tox. 1, H304 Aquatic Chronic 2, H411 |
| Ethylbenzene | (CAS-No.) 100-41-4 | < 5 | Flam. Liq. 2, H225 Acute Tox. 4 (Inhalation), H332 Acute Tox. 4 (Inhalation:vapour), H332 Carc. 2, H351 STOT RE 2, H373 Asp. Tox. 1, H304 |

Full text of hazard classes and H-statements : see section 16

| SECTION 4: First-aid measures | |
|----------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| 4.1. Description of first aid measures | |
| First-aid measures general | : IF exposed or concerned: Get medical advice/attention. |
| First-aid measures after inhalation | : Remove person to fresh air and keep comfortable for breathing. Call a poison center/doctor/physician if you feel unwell. |

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|--------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
| | Rinse skin with water/shower. Remove/Take off immediately all contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention. | | |
| First-aid measures after eye contact : | Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. | | |
| First-aid measures after ingestion : | Call a poison center/doctor/physician if you feel unwell. | | |
| 4.2. Most important symptoms and effects (acute and delayed) | | | |
| Symptoms/effects : May cause drowsiness or dizziness. | | | |
| Symptoms/effects after inhalation : | May cause respiratory irritation. | | |
| Symptoms/effects after skin contact : | May cause an allergic skin reaction. | | |
| Symptoms/effects after eye contact : | Eye irritation. | | |
| 4.3. Immediate medical attention and spec | ial treatment, if necessary | | |
| Treat symptomatically. | | | |
| SECTION 5: Fire-fighting measures | | | |
| 5.1. Suitable (and unsuitable) extinguishin | g media | | |
| Suitable extinguishing media : | Water spray. Dry powder. Foam. Carbon dioxide. | | |
| 5.2. Specific hazards arising from the chem | nical | | |
| Fire hazard : | Highly flammable liquid and vapor. | | |
| Reactivity : | Highly flammable liquid and vapor. | | |
| 5.3. Special protective equipment and pred | cautions for fire-fighters | | |
| | Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing. | | |
| SECTION 6: Accidental release measu | res | | |
| 6.1. Personal precautions, protective equip | oment and emergency procedures | | |
| 6.1.1. For non-emergency personnel | | | |
| U U | Safety glasses. Protective clothing. Gloves. | | |
| | Ventilate spillage area. No open flames, no sparks, and no smoking. Do not breathe vapors, fume, spray. Avoid contact with skin and eyes. | | |
| 6.1.2. For emergency responders | | | |
| 0 7 1 | Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection". | | |
| 6.2. Environmental precautions | | | |
| Avoid release to the environment. | | | |
| 6.3. Methods and material for containment | and cleaning up | | |
| | Contain released product, pump into suitable containers. Collect spillage. | | |
| | Take up liquid spill into absorbent material. Notify authorities if product enters sewers or public waters. | | |
| Other information : | Dispose of materials or solid residues at an authorized site. | | |
| 6.4. Reference to other sections | | | |
| For further information refer to section 13. | | | |
| SECTION 7: Handling and storage | | | |
| 7.1. Precautions for safe handling | | | |
| | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Flammable vapors may accumulate in the container. Use explosion-proof equipment. Wear personal protective equipment. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not breathe vapors, fume, spray. Use only outdoors or in a well-ventilated area. Avoid contact with skin and eyes. | | |
| Hygiene measures : | Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product. | | |

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| 7.2. Conditions for safe storage | e, including any incompatibilities |
|----------------------------------|------------------------------------------------------------------------------------------------|
| Technical measures | : Ground/bond container and receiving equipment. |
| Storage conditions | : Store in a well-ventilated place. Keep cool. Keep container tightly closed. Store locked up. |
| Storage temperature | : < 25 °C |
| Storage area | : Store in a well-ventilated place. |
| Special rules on packaging | : Keep only in original container. |

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

| ACGIHLocal nameMethyl acetateACGIHACGIH OEL TWA [ppm]200 ppmACGIHACGIH OEL STEL [ppm]250 ppmACGIHRemark (ACGIH)TLV® Basis: Headache; dizziness; (degeneration of gangion cells in HACGIHRegulatory referenceACGIH 2021OSHAOSHA PEL (TWA) [1]610 mg/m³OSHAOSHA PEL (TWA) [2]200 ppmOSHARegulatory reference (US-OSHA)OSHA Annotated Table Z-1ACGIHStHA PEL (TWA) [2]0SHA Annotated Table Z-1Acthorobenzotrifluoride (95-5-5-Turnet (123-86-4)ACGIHLocal namen-Butyl acetateACGIHLocal namen-Butyl acetateACGIHACGIH OEL TWA [ppm]50 ppmACGIHACGIH OEL STEL [ppm]150 ppmACGIHRegulatory reference (US-OSHA)TUN® Basis: Eye & URT irrACGIHRegulatory referenceACGIH 2021OSHASHA PEL (TWA) [1]150 ppmACGIHSHA PEL (TWA) [2]150 ppmOSHAOSHA PEL (TWA) [2]150 ppmOSHAOSHA PEL (TWA) [2]0SHA Annotated Table Z-1SolarOSHA PEL (TWA) [2]150 ppmOSHARegulatory reference (US-OSHA)OSHA Annotated Table Z-1SolarOSHA PEL (TWA) [2]0SHA Annotated Table Z-1SolarSilar Self Self Self Self Self S | |
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| ACGIHRemark (ACGIH)TLV® Basis: Headache; dizziness; (degeneration of ganglion cells in the ACGIH 2021ACGIHRegulatory referenceACGIH 2021OSHAOSHA PEL (TWA) [1]610 mg/m³OSHAOSHA PEL (TWA) [2]200 ppmOSHARegulatory reference (US-OSHA)OSHA Annotated Table Z-1 4-chlorobenzotrifluoride (98-56-6) Not applicablen-butyl acetate (123-86-4)ACGIHLocal namen-Butyl acetateACGIHACGIH OEL TWA [ppm]50 ppmACGIHACGIH OEL STEL [ppm]150 ppmACGIHRegulatory referenceACGIH 2021OSHAOSHA PEL (TWA) [1]710 mg/m³OSHAOSHA PEL (TWA) [1]50 ppmACGIHRegulatory referenceACGIH 2021OSHAOSHA PEL (TWA) [1]710 mg/m³OSHAOSHA PEL (TWA) [1]50 ppmACGIHRegulatory reference (US-OSHA)OSHA Annotated Table Z-1OSHAOSHA PEL (TWA) [2]150 ppmOSHAOSHA PEL (TWA) [2]150 ppmOSHARegulatory reference (US-OSHA)OSHA Annotated Table Z-1Solvent naphtha (petroleum), light aromatic (64742-95-6)OSHA Annotated Table Z-1Not applicableHexamethylene diisocyanate Uigomers (28182-81-2)Not applicableNot applicableHexamethylene diisocyanate otegeneta (28182-81-2)Not applicable | |
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| hexamethylene diisocyanate oligomers (28182-81-2) Not applicable | |
| Not applicable | |
| | |
| Xylene (1330-20-7) | |
| | <u> </u> |
| ACGIH Local name Xylene, mixed isomers (Dimethylbe | enzene) |
| ACGIH ACGIH OEL TWA [ppm] 100 ppm | |
| ACGIH ACGIH OEL STEL [ppm] 150 ppm | |
| ACGIH Remark (ACGIH) TLV® Basis: URT & eye irr; CNS in (Not classifiable as a Human Carcin | |
| ACGIH Regulatory reference ACGIH 2021 | |
| OSHA OSHA PEL (TWA) [1] 435 mg/m ³ | |
| OSHA OSHA PEL (TWA) [2] 100 ppm | |
| OSHA Regulatory reference (US-OSHA) OSHA Annotated Table Z-1 | |
| Ethylbenzene (100-41-4) | |
| ACGIH Local name Ethylbenzene | |
| ACGIH OEL TWA [ppm] 20 ppm | |
| 7/01/2021 EN (English US) SDS ID: RLHV-US-SDS | |

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| Ethylbenzene (100-41-4) | | |
|-------------------------|--------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| ACGIH | Remark (ACGIH) | TLV® Basis: URT irr; kidney dam (nephropathy); cochlear impair. Notations: A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans); BEI |
| ACGIH | Regulatory reference | ACGIH 2021 |
| OSHA | OSHA PEL (TWA) [1] | 435 mg/m ³ |
| OSHA | OSHA PEL (TWA) [2] | 100 ppm |
| OSHA | Regulatory reference (US-OSHA) | OSHA Annotated Table Z-1 |

8.2. Appropriate engineering controls

: Ensure good ventilation of the work station.

Appropriate engineering controls Environmental exposure controls

: Avoid release to the environment.

8.3. Individual protection measures/Personal protective equipment

Materials for protective clothing:

Impermeable clothing

Hand protection:

Protective gloves

Eye protection:

Safety glasses

Skin and body protection:

Wear suitable protective clothing

Respiratory protection:

Air-fed respiratory protective equipment should be worn when this product is sprayed

Personal protective equipment symbol(s):



SECTION 9: Physical and chemical properties

| 07/01/2021 | EN (Epglish LIS) | | 5/1/ |
|---------------------------------------------|----------------------------------------|--------------------------|------|
| Solubility | : insoluble in water. soluble i | n most organic solvents. | |
| Density | : 1.05 (1.04 – 1.06) g/cm ³ | | |
| Relative density | : No data available | | |
| Relative vapor density at 20 °C | : No data available | | |
| Vapor pressure | : No data available | | |
| Flammability (solid, gas) | : Not applicable. | | |
| Relative evaporation rate (butyl acetate=1) | : No data available | | |
| Flash point | : < 0 °C | | |
| Boiling point | : > 35 °C | | |
| Freezing point | : No data available | | |
| Melting point | : No data available | | |
| рН | : No data available | | |
| Odor threshold | : No data available | | |
| Odor | : aromatic | | |
| Color | : Colorless | | |
| Appearance | : Liquid. | | |
| Physical state | : Liquid | | |
| 9.1. Information on basic physical ar | nd chemical properties | | |

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Percent Solids

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| | according to reactal register / vol. / r, rec. co / monady, |
|---------------------------------------|-------------------------------------------------------------------------------------|
| ater (Log Pow) : No data available | Partition coefficient n-octanol/water (Log Pow) |
| : No data available | Auto-ignition temperature |
| : No data available | Decomposition temperature |
| ematic : No data available | No data availableViscosity, kinematic |
| : No data available | Viscosity, dynamic |
| : No data available | Explosion limits |
| : No data available | Explosive properties |
| : No data available | Oxidizing properties |
| | 9.2. Other information |
| 245 a/l (2.0 b/a) | |
| | 0 0 1 |
| | Water Content |
| | Exempt Compounds by volume |
| : 50.0 wt% | Exempt Compounds by weight |
| : 61.3 wt% | Volatiles |
| : 7.1 wt% | % EPA HAPS |
| : 38.7 wt% | Percent Solids |
| : 50.0 wt% : 61.3 wt% : 7.1 wt% | Exempt Compounds by volume Exempt Compounds by weight /olatiles % EPA HAPS |

| SECTION 10: Stability and reactivity | | |
|-----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|--|
| 10.1. Reactivity | | |
| Highly flammable liquid and vapor. | | |
| 10.2. Chemical stability | | |
| | | |
| Stable under normal conditions. | | |
| 10.3. Possibility of hazardous reactions | | |
| No dangerous reactions known under normal cond | litions of use. | |
| 10.4. Conditions to avoid | | |
| Avoid contact with hot surfaces. Heat. No flames, r | no sparks. Eliminate all sources of ignition. | |
| 10.5. Incompatible materials | | |
| No additional information available | | |
| 10.6. Hazardous decomposition products | | |
| Under normal conditions of storage and use, hazar | rdous decomposition products should not be produced. | |
| SECTION 11: Toxicological information | n | |
| 11.1. Information on toxicological effects | | |
| Acute toxicity (oral) | Not classified | |
| Acute toxicity (dermal) | Not classified | |
| Acute toxicity (inhalation) | Not classified | |
| methyl acetate (79-20-9) | | |
| LD50 oral rat | 6482 mg/kg body weight Animal: rat, Animal sex: male, Guideline: OECD Guideline 401 (Acute Oral Toxicity) | |
| LD50 dermal rat | > 2000 mg/kg body weight Animal: rat, Guideline: EU Method B.3 (Acute Toxicity (Dermal)), Guideline: OECD Guideline 402 (Acute Dermal Toxicity) | |
| LC50 Inhalation - Rat | 49 mg/l | |
| ATE US (oral) | 6482 mg/kg body weight | |
| ATE US (vapors) | 49 mg/l/4h | |
| ATE US (dust, mist) | 49 mg/l/4h | |
| 4-chlorobenzotrifluoride (98-56-6) | | |
| LD50 dermal rabbit | > 3300 mg/kg body weight Animal: rabbit | |
| | | |

: 36.86 vol %

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| 4-chlorobenzotrifluoride (98-56-6) | | |
|-----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|--|
| LC50 Inhalation - Rat | > 32.03 mg/l air Animal: rat, Guideline: EU Method B.2 (Acute Toxicity (Inhalation)), Guideline: OECD Guideline 403 (Acute Inhalation Toxicity) | |
| n-butyl acetate (123-86-4) | | |
| LD50 oral rat | 10760 – 12789 mg/kg body weight (Equivalent or similar to OECD 423, Rat, Male / female, Experimental value, Oral) | |
| LD50 dermal rabbit | 14112 mg/kg body weight (Equivalent or similar to OECD 402, Rabbit, Male / female, Experimental value, Dermal) | |
| LC50 Inhalation - Rat [ppm] | 390 ppm/4h | |
| ATE US (oral) | 10760 mg/kg body weight | |
| ATE US (dermal) | 14112 mg/kg body weight | |
| ATE US (gases) | 390 ppmV/4h | |
| solvent naphtha (petroleum), light aromatic (| 64742-95-6) | |
| LD50 oral rat | > 5000 mg/kg body weight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity) | |
| LD50 dermal rabbit | > 3160 mg/kg (OECD Test Guideline 402) | |
| hexamethylene diisocyanate oligomers (2818 | | |
| LD50 oral rat | > 2500 mg/kg (OECD Test Guideline 423, rat, female) | |
| LD50 dermal rat | > 2000 mg/kg (OECD Test Guideline 423, rat, reinale) > 2000 mg/kg (OECD Test Guideline 402, rat, male/female) | |
| ATE US (gases) | 4500 ppmV/4h | |
| ATE US (gases) ATE US (vapors) | 11 mg/l/4h | |
| ATE US (vapors) ATE US (dust, mist) | 0.39 mg/l/4h | |
| | 0.59 mg/#4n | |
| Xylene (1330-20-7) | | |
| LD50 oral rat | 3523 mg/kg body weight (Equivalent or similar to EU Method B.1: Acute Toxicity (Oral), Rat, Male, Experimental value, Oral, 14 day(s)) | |
| LD50 dermal rat | 12126 mg/kg (Non-GLP, read-across from supporting substance, single dermal dose under occlusion followed by observation for 14 days) | |
| LD50 dermal rabbit | 12126 mg/kg body weight Animal: rabbit, Animal sex: male | |
| LC50 Inhalation - Rat [ppm] | 6700 ppm/4h (EU Method B.2 (Acute Toxicity (Inhalation)), 4h, rat, male) | |
| ATE US (oral) | 3523 mg/kg body weight | |
| ATE US (dermal) | 1100 mg/kg body weight | |
| ATE US (gases) | 6700 ppmV/4h | |
| ATE US (vapors) | 11 mg/l/4h | |
| ATE US (dust, mist) | 1.5 mg/l/4h | |
| Ethylbenzene (100-41-4) | | |
| LD50 oral rat | 3500 mg/kg (Rat, Male / female, Experimental value, Oral, 14 day(s)) | |
| LD50 dermal rabbit | 15432 mg/kg body weight (24 h, Rabbit, Male, Experimental value, Dermal) | |
| LC50 Inhalation - Rat | 17.8 mg/l (4 h, Rat, Male, Experimental value, Inhalation (vapours)) | |
| ATE US (oral) | 3500 mg/kg body weight | |
| ATE US (dermal) | 15432 mg/kg body weight | |
| ATE US (gases) | 4500 ppmV/4h | |
| ATE US (vapors) | 17.8 mg/l/4h | |
| ATE US (dust, mist) | 1.5 mg/l/4h | |
| Skin corrosion/irritation | : Not classified | |
| Serious eye damage/irritation | : Causes serious eye irritation. | |
| Respiratory or skin sensitization | : May cause an allergic skin reaction. | |
| Germ cell mutagenicity | : Not classified | |
| Carcinogenicity | : Suspected of causing cancer. | |
| 4-chlorobenzotrifluoride (98-56-6) | | |
| IARC group | 2B - Possibly carcinogenic to humans | |
| Xylene (1330-20-7) | | |
| IARC group | 3 - Not classifiable | |
| Ethylbenzene (100-41-4) | | |
| IARC group | 2B - Possibly carcinogenic to humans | |
| - 3 r | | |

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| Reproductive toxicity | : Not classified |
|------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| STOT-single exposure | : May cause respiratory irritation. May cause drowsiness or dizziness. |
| methyl acetate (79-20-9) | |
| STOT-single exposure | May cause drowsiness or dizziness. |
| n-butyl acetate (123-86-4) | |
| STOT-single exposure | May cause drowsiness or dizziness. |
| solvent naphtha (petroleum), light aroma | tic (64742-95-6) |
| STOT-single exposure | May cause drowsiness or dizziness. May cause respiratory irritation. |
| hexamethylene diisocyanate oligomers (| 28182-81-2) |
| STOT-single exposure | May cause respiratory irritation. |
| Xylene (1330-20-7) | |
| STOT-single exposure | May cause respiratory irritation. |
| STOT-repeated exposure | : May cause damage to organs (hearing organs) through prolonged or repeated exposure (Inhalation). |
| methyl acetate (79-20-9) | |
| LOAEC (inhalation,rat,vapor,90 days) | 2000 mg/l |
| NOAEC (inhalation,rat,vapor,90 days) | 1057 mg/m ³ |
| 4-chlorobenzotrifluoride (98-56-6) | |
| LOAEL (oral,rat,90 days) | 150 mg/kg body weight Animal: rat |
| Xylene (1330-20-7) | |
| LOAEL (oral,rat,90 days) | 150 mg/kg body weight Animal: rat, Animal sex: male, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity in Rodents), Guideline: EPA OPP 82-1 (90-Day Oral Toxicity) |
| STOT-repeated exposure | May cause damage to organs through prolonged or repeated exposure. |
| Ethylbenzene (100-41-4) | · · |
| NOAEL (oral,rat,90 days) | 75 mg/kg body weight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity in Rodents) |
| STOT-repeated exposure | May cause damage to organs through prolonged or repeated exposure. |
| Aspiration hazard | : Not classified |
| /iscosity, kinematic | : No data available |
| Symptoms/effects | : May cause drowsiness or dizziness. |
| Symptoms/effects after inhalation | : May cause respiratory irritation. |
| Symptoms/effects after skin contact | : May cause an allergic skin reaction. |
| Symptoms/effects after eye contact | : Eye irritation. |

SECTION 12: Ecological information

12.1. Toxicity Ecology - general

: The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.

| methyl acetate (79-20-9) | | | | | | |
|------------------------------------|-----------------------------|------------------------------------------------------|-------------|--|--|--|
| LC50 - Fish [1] | 250 – 350 mg/l Test organi | sms (species): Danio rerio (previous name: Brachyd | anio rerio) | | | |
| EC50 - Crustacea [1] | 1026.7 mg/l Test organism | 1026.7 mg/l Test organisms (species): Daphnia magna | | | | |
| 4-chlorobenzotrifluoride (98-56-6) | | | | | | |
| LC50 - Fish [1] | 3 mg/l Test organisms (spe | cies): Danio rerio (previous name: Brachydanio reric |) | | | |
| n-butyl acetate (123-86-4) | | | | | | |
| LC50 - Fish [1] | 18 mg/l Test organisms (sp | ecies): Pimephales promelas | | | | |
| EC50 - Crustacea [1] | 44 mg/l Test organisms (sp | ecies): Daphnia sp. | | | | |
| LC50 - Fish [2] | 62 mg/l (Leuciscus idus, st | atic system) | | | | |
| NOEC (chronic) | 23 mg/l Test organisms (sp | ecies): Daphnia magna Duration: '21 d' | | | | |
| NOEC chronic crustacea | 23 mg/l | | | | | |
| 07/01/2021 | EN (English LIS) | SDS ID: BLHV-LIS-SDS | 8/14 | | | |

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| Xylene (1330-20-7) | | | | | |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|
| LC50 - Fish [1] | 2.6 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri) | | | | |
| EC50 - Crustacea [1] | > 3.4 mg/l Test organisms (species): Ceriodaphnia dubia | | | | |
| ErC50 algae | 4.36 mg/l (OECD 201: Alga, Growth Inhibition Test, 73 h, Pseudokirchneriella subcapitata, Static system, Fresh water, Experimental value, GLP) | | | | |
| NOEC chronic fish | > 1.3 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri) Duration: '56 d' | | | | |
| Ethylbenzene (100-41-4) | | | | | |
| LC50 - Fish [1] | 5.1 mg/l Test organisms (species): Menidia menidia | | | | |
| EC50 - Crustacea [1] | 1.8 – 2.4 mg/l (US EPA, 48 h, Daphnia magna, Static system, Fresh water, Experimental value) | | | | |
| LOEC (chronic) | 1.7 mg/l Test organisms (species): Ceriodaphnia dubia Duration: '7 d' | | | | |
| NOEC (chronic) | 0.96 mg/l Test organisms (species): Ceriodaphnia dubia Duration: '7 d' | | | | |

tence and degrad ability

| methyl acetate (79-20-9) | | | | |
|----------------------------------------------------------|------------------------------------------------------------|--|--|--|
| Persistence and degradability | Readily biodegradable in water. | | | |
| 4-chlorobenzotrifluoride (98-56-6) | | | | |
| Persistence and degradability | Biodegradability in water: no data available. | | | |
| n-butyl acetate (123-86-4) | | | | |
| Persistence and degradability | Readily biodegradable in water. | | | |
| ThOD | 2.21 g O₂/g substance | | | |
| BOD (% of ThOD) | 0.46 | | | |
| solvent naphtha (petroleum), light aromatic (64742-95-6) | | | | |
| Persistence and degradability | May cause long-term adverse effects in the environment. | | | |
| Xylene (1330-20-7) | | | | |
| Persistence and degradability | Biodegradable in the soil. Readily biodegradable in water. | | | |
| Ethylbenzene (100-41-4) | | | | |
| Persistence and degradability | Biodegradable in the soil. Readily biodegradable in water. | | | |
| Biochemical oxygen demand (BOD) | 1.44 g O₂/g substance | | | |
| Chemical oxygen demand (COD) | 2.1 g O₂/g substance | | | |
| ThOD | 3.17 g O₂/g substance | | | |

12.3. **Bioaccumulative potential**

| methyl acetate (79-20-9) | | | | |
|-------------------------------------------------|--------------------------------------------------------------------------------------------|--|--|--|
| BCF - Fish [1] | < 1 (Pisces, Literature study) | | | |
| Partition coefficient n-octanol/water (Log Pow) | 0.18 (Experimental value, 20 °C) | | | |
| Bioaccumulative potential | Low potential for bioaccumulation (Log Kow < 4). | | | |
| 4-chlorobenzotrifluoride (98-56-6) | | | | |
| Partition coefficient n-octanol/water (Log Pow) | 3.6 | | | |
| Bioaccumulative potential | Low potential for bioaccumulation (Log Kow < 4). | | | |
| n-butyl acetate (123-86-4) | | | | |
| BCF - Fish [1] | 15.3 (Calculated value) | | | |
| Partition coefficient n-octanol/water (Log Pow) | 2.3 (Test data, OECD 117: Partition Coefficient (n-octanol/water), HPLC method, 25 °C) | | | |
| Bioaccumulative potential | Low potential for bioaccumulation (BCF < 500). | | | |
| solvent naphtha (petroleum), light aromatic (6 | 4742-95-6) | | | |
| Partition coefficient n-octanol/water (Log Pow) | 2.1 – 6 | | | |
| Bioaccumulative potential | Not established. | | | |
| Xylene (1330-20-7) | | | | |
| BCF - Fish [1] | 7.2 – 25.9 (56 day(s), Oncorhynchus mykiss, Flow-through system, Fresh water, Read-across) | | | |
| Partition coefficient n-octanol/water (Log Pow) | 3.2 (Read-across, 20 °C) | | | |
| Bioaccumulative potential | Low potential for bioaccumulation (BCF < 500). | | | |
| 07/01/2021 | EN (English US) SDS ID: RLHV-US-SDS 9/14 | | | |

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| Ethylbenzene (100-41-4) | | | |
|---------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
| BCF - Fish [1] | 1 (6 week(s), Oncorhynchus kisutch, Flow-through system, Salt water, Experimental value) | | |
| Partition coefficient n-octanol/water (Log Pow) | 3.6 (Experimental value, EU Method A.8: Partition Coefficient, 20 °C) | | |
| Bioaccumulative potential | Low potential for bioaccumulation (BCF < 500). | | |
| 2.4. Mobility in soil | | | |
| methyl acetate (79-20-9) | | | |
| Surface tension | 24 mN/m (20 °C) | | |
| Organic Carbon Normalized Adsorption Coefficient (Log Koc) | 0.18 (log Koc, OECD 121: Estimation of the Adsorption Coefficient (Koc) on Soil and on Sewage Sludge using High Performance Liquid Chromatography (HPLC), Experimental value GLP) | | |
| Ecology - soil | Highly mobile in soil. | | |
| n-butyl acetate (123-86-4) | | | |
| Surface tension | 0.0163 N/m (20 °C) | | |
| Organic Carbon Normalized Adsorption Coefficient (Log Koc) | 1.268 – 1.844 (log Koc, SRC PCKOCWIN v2.0, QSAR) | | |
| Ecology - soil | Low potential for adsorption in soil. | | |
| Xylene (1330-20-7) | | | |
| Surface tension | 28.01 – 29.76 mN/m (25 °C) | | |
| Organic Carbon Normalized Adsorption Coefficient (Log Koc) | 2.73 (log Koc, Equivalent or similar to OECD 121, Read-across) | | |
| Ecology - soil | Low potential for adsorption in soil. May be harmful to plant growth, blooming and fruit formation. | | |
| Ethylbenzene (100-41-4) | | | |
| Surface tension | 71.2 mN/m (23 °C, 0.058 g/l, EU Method A.5: Surface tension) | | |
| Organic Carbon Normalized Adsorption Coefficient (Log Koc) | 2.71 (log Koc, PCKOCWIN v1.66, QSAR) | | |
| Ecology - soil | Low potential for adsorption in soil. Toxic to soil organisms. | | |

12.5. Other adverse effects

| SECTION 13: Disposal consideration | 15 |
|--------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 13.1. Disposal methods | |
| Regional legislation (waste) | : Disposal must be done according to official regulations. |
| Waste treatment methods | : Dispose of contents/container in accordance with licensed collector's sorting instructions. |
| Additional information | : Flammable vapors may accumulate in the container. |
| SECTION 14: Transport information | |
| SECTION 14. Transport information | |
| Department of Transportation (DOT) | |
| In accordance with DOT | |
| | |
| Transport document description (DOT) | : UN1263 Paint related material (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base) with not more than 20 per cent nitrocellulose by mass if the nitrogen content of the nitrocellulose is not more than 12.6 per cent by mass), 3, II |
| UN-No.(DOT) | : UN1263 |
| Proper Shipping Name (DOT) | : Paint related material |
| | including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base) with not more than 20 per cent nitrocellulose by mass if the nitrogen content of the nitrocellulose is not more than 12.6 per cent by mass |
| Class (DOT) | : 3 - Class 3 - Flammable and combustible liquid 49 CFR 173.120 |
| Packing group (DOT) | : II - Medium Danger |
| | |

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Hazard labels (DOT)

- : 3 Flammable liquid
- DOT Packaging Non Bulk (49 CFR 173.xxx)
- DOT Packaging Bulk (49 CFR 173.xxx)

DOT Special Provisions (49 CFR 172.102)

- : 173 : 242
- : 149 When transported as a limited quantity or a consumer commodity, the maximum net capacity specified in 173.150(b)(2) of this subchapter for inner packaging may be increased to 5 L (1.3 gallons).

367 - For the purposes of documentation and package marking: a. The proper shipping name "Paint related material" may be used for consignments of packages containing "Paint" and "Paint related material" in the same package; b. The proper shipping name "Paint related material, corrosive, flammable" may be used for consignments of packages containing "Paint, corrosive, flammable" and "Paint related material, corrosive, flammable" in the same package; c. The proper shipping name "Paint related material, flammable, corrosive" may be used for consignments of packages containing "Paint, flammable, corrosive" and "Paint related material, flammable, corrosive" in the same package; and d. The proper shipping name "Printing ink related material" may be used for consignments of packages containing "Printing ink " Printing ink related material" in the same package.

383 - Packages containing toy plastic or paper caps for toy pistols described as "UN0349, Articles, explosive, n.o.s. (Toy caps), 1.4S" or "NA0337, Toy caps, 1.4S" are not subject to the subpart E (labeling) requirements of this part when offered for transportation by motor vehicle, rail freight, cargo vessel, and cargo aircraft and, notwithstanding the packing method assigned in §173.62 of this subchapter, in conformance with the following conditions: B52 - Notwithstanding the provisions of 173.24b of this subchapter, non-reclosing pressure

B52 - Notwithstanding the provisions of 173.24b of this subchapter, non-reclosing pressure relief devices are authorized on DOT 57 portable tanks.

B131 - When transported by highway, rail, or cargo vessel, waste Paint and Paint related material (UN1263; PG II and PG III), when in plastic or metal inner packagings of not more than 26.5 L (7 gallons), are excepted from the marking requirements in §172.301(a) and (c) and the labeling requirements in §172.400(a), when further packed in the following specification and non-specification bulk outer packagings and under the following conditions:

a. Primary receptacles must conform to the general packaging requirements of subpart B of part 173 of this subchapter and may not leak. If they do leak, they must be overpacked in packagings conforming to the specification requirements of part 178 of this subchapter or in salvage packagings conforming to the requirements in §173.12 of this subchapter.

b. Primary receptacles must be further packed in non-specification bulk outer packagings such as cubic yard boxes, plastic rigid-wall bulk containers, dump trailers, and roll-off containers. Bulk outer packagings must be liquid tight through design or by the use of lining materials.

c. Primary receptacles may also be further packed in specification bulk outer packagings. Authorized specification bulk outer packagings are UN11G fiberboard intermediate bulk containers (IBC) and UN13H4 woven plastic, coated and with liner flexible intermediate bulk containers (FIBCs) meeting the Packing Group II performance level and lined with a plastic liner of at least 6 mil thickness.

d. All inner packagings placed inside bulk outer packagings must be blocked and braced to prevent movement during transportation that could cause the container to open or fall over. Specification IBCs and FIBCs are to be secured to a pallet.

TP1 - The maximum degree of filling must not exceed the degree of filling determined by the following: Degree of filling = 97 / 1 + a (tr - tf) Where: tr is the maximum mean bulk temperature during transport, and tf is the temperature in degrees celsius of the liquid during filling. TP8 - A portable tank having a minimum test pressure of 1.5 bar (150 kPa) may be used when the flash point of the hazardous material transported is greater than 0 C (32 F). TP28 - A portable tank having a minimum test pressure of 2.65 bar (265 kPa) may be used

provided the calculated test pressure is 2.65 bar or less based on the MAWP of the hazardous material, as defined in 178.275 of this subchapter, where the test pressure is 1.5 times the MAWP.

DOT Packaging Exceptions (49 CFR 173.xxx): 150DOT Quantity Limitations Passenger aircraft/rail: 5 L(49 CFR 173.27)

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| DOT Quantity Limitations Cargo aircraft only (49 | . 601 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CFR 175.75) | . 00 L |
| DOT Vessel Stowage Location | : B - (i) The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel carrying a number of passengers limited to not more than the larger of 25 passengers, or one passenger per each 3 m of overall vessel length; and (ii) "On deck only" on passenger vessels in which the number of passengers specified in paragraph (k)(2)(i) of this section is exceeded. |
| Emergency Response Guide (ERG) Number | : 128 |
| Other information | : No supplementary information available. |
| Transportation of Dangerous Goods | |
| Transport document description (TDG) | : UN1263 PAINT RELATED MATERIAL (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base) with not more than 20 per cent nitrocellulose by mass if the nitrogen content of the nitrocellulose is not more than 12.6 per cent by mass), 3, II |
| UN-No. (TDG) | : UN1263 |
| Proper Shipping Name (TDG) | : PAINT RELATED MATERIAL |
| TDG Primary Hazard Classes | : 3 - Class 3 - Flammable Liquids |
| Packing group (TDG) | : II - Medium Danger |
| TDG Special Provisions | 59 - Substances that are listed by name in Schedule 1 must not be transported under this shipping name. Substances transported under this shipping name may contain not more than 20% nitrocellulose if the nitrocellulose contains not more than 12.6% nitrogen (by dry mass),142 - The following shipping names may be used to meet the requirements of Part 3 (Documentation) and Part 4 (Dangerous Goods Safety Marks) when these dangerous goods are offered for transport in the same means of containment: (a) "PAINT RELATED MATERIAL" may be used for a means of containment containing both paint and paint related material; (b) "PAINT RELATED MATERIAL, CORROSIVE, FLAMMABLE" may be used for a means of containment containing both paint, corrosive, flammable, and paint related material, corrosive, |
| | flammable; (c) "PAINT RELATED MATERIAL, FLAMMABLE, CORROSIVE" may be used for a means of containment containing both paint, flammable, corrosive, and paint related material, flammable, corrosive; and (d) "PRINTING INK RELATED MATERIAL" may be used for a means of containment containing both printing ink and printing ink related material. |
| Explosive Limit and Limited Quantity Index | (c) "PAINT RELATED MATERIAL, FLAMMABLE, CORROSIVE" may be used for a means of containment containing both paint, flammable, corrosive, and paint related material, flammable, corrosive; and (d) "PRINTING INK RELATED MATERIAL" may be used for a means of containment |
| Explosive Limit and Limited Quantity Index Passenger Carrying Road Vehicle or Passenger Carrying Railway Vehicle Index | (c) "PAINT RELATED MATERIAL, FLAMMABLE, CORROSIVE" may be used for a means of containment containing both paint, flammable, corrosive, and paint related material, flammable, corrosive; and (d) "PRINTING INK RELATED MATERIAL" may be used for a means of containment containing both printing ink and printing ink related material. 5 L |
| Passenger Carrying Road Vehicle or Passenger | (c) "PAINT RELATED MATERIAL, FLAMMABLE, CORROSIVE" may be used for a means of containment containing both paint, flammable, corrosive, and paint related material, flammable, corrosive; and (d) "PRINTING INK RELATED MATERIAL" may be used for a means of containment containing both printing ink and printing ink related material. 5 L |
| Passenger Carrying Road Vehicle or Passenger Carrying Railway Vehicle Index | (c) "PAINT RELATED MATERIAL, FLAMMABLE, CORROSIVE" may be used for a means of containment containing both paint, flammable, corrosive, and paint related material, flammable, corrosive; and (d) "PRINTING INK RELATED MATERIAL" may be used for a means of containment containing both printing ink and printing ink related material. 5 L |
| Passenger Carrying Road Vehicle or Passenger Carrying Railway Vehicle Index Transport by sea | (c) "PAINT RELATED MATERIAL, FLAMMABLE, CORROSIVE" may be used for a means of containment containing both paint, flammable, corrosive, and paint related material, flammable, corrosive; and (d) "PRINTING INK RELATED MATERIAL" may be used for a means of containment containing both printing ink and printing ink related material. 5 L 5 L |
| Passenger Carrying Road Vehicle or Passenger Carrying Railway Vehicle Index Transport by sea Transport document description (IMDG) | (c) "PAINT RELATED MATERIAL, FLAMMABLE, CORROSIVE" may be used for a means of containment containing both paint, flammable, corrosive, and paint related material, flammable, corrosive; and (d) "PRINTING INK RELATED MATERIAL" may be used for a means of containment containing both printing ink and printing ink related material. 5 L 5 L UN 1263 PAINT RELATED MATERIAL, 3, II |
| Passenger Carrying Road Vehicle or Passenger Carrying Railway Vehicle Index Transport by sea Transport document description (IMDG) UN-No. (IMDG) | (c) "PAINT RELATED MATERIAL, FLAMMABLE, CORROSIVE" may be used for a means of containment containing both paint, flammable, corrosive, and paint related material, flammable, corrosive; and (d) "PRINTING INK RELATED MATERIAL" may be used for a means of containment containing both printing ink and printing ink related material. 5 L 5 L UN 1263 PAINT RELATED MATERIAL, 3, II 1263 |
| Passenger Carrying Road Vehicle or Passenger Carrying Railway Vehicle Index Transport by sea Transport document description (IMDG) UN-No. (IMDG) Proper Shipping Name (IMDG) Class (IMDG) Packing group (IMDG) | (c) "PAINT RELATED MATERIAL, FLAMMABLE, CORROSIVE" may be used for a means of containment containing both paint, flammable, corrosive, and paint related material, flammable, corrosive; and (d) "PRINTING INK RELATED MATERIAL" may be used for a means of containment containing both printing ink and printing ink related material. 5 L 5 L 1263 PAINT RELATED MATERIAL |
| Passenger Carrying Road Vehicle or Passenger Carrying Railway Vehicle Index Transport by sea Transport document description (IMDG) UN-No. (IMDG) Proper Shipping Name (IMDG) Class (IMDG) | (c) "PAINT RELATED MATERIAL, FLAMMABLE, CORROSIVE" may be used for a means of containment containing both paint, flammable, corrosive, and paint related material, flammable, corrosive; and (d) "PRINTING INK RELATED MATERIAL" may be used for a means of containment containing both printing ink and printing ink related material. 5 L 5 L UN 1263 PAINT RELATED MATERIAL, 3, II 1263 PAINT RELATED MATERIAL 3 - Flammable liquids |
| Passenger Carrying Road Vehicle or Passenger Carrying Railway Vehicle Index Transport by sea Transport document description (IMDG) UN-No. (IMDG) Proper Shipping Name (IMDG) Class (IMDG) Packing group (IMDG) | (c) "PAINT RELATED MATERIAL, FLAMMABLE, CORROSIVE" may be used for a means of containment containing both paint, flammable, corrosive, and paint related material, flammable, corrosive; and (d) "PRINTING INK RELATED MATERIAL" may be used for a means of containment containing both printing ink and printing ink related material. 5 L 5 L UN 1263 PAINT RELATED MATERIAL, 3, II 1263 PAINT RELATED MATERIAL 3 - Flammable liquids II - substances presenting medium danger |
| Passenger Carrying Road Vehicle or Passenger Carrying Railway Vehicle Index Transport by sea Transport document description (IMDG) UN-No. (IMDG) Proper Shipping Name (IMDG) Class (IMDG) Packing group (IMDG) Limited quantities (IMDG) | (c) "PAINT RELATED MATERIAL, FLAMMABLE, CORROSIVE" may be used for a means of containment containing both paint, flammable, corrosive, and paint related material, flammable, corrosive; and (d) "PRINTING INK RELATED MATERIAL" may be used for a means of containment containing both printing ink and printing ink related material. 5 L 5 L UN 1263 PAINT RELATED MATERIAL, 3, II 1263 PAINT RELATED MATERIAL 3 - Flammable liquids II - substances presenting medium danger |
| Passenger Carrying Road Vehicle or Passenger Carrying Railway Vehicle Index Transport by sea Transport document description (IMDG) UN-No. (IMDG) Proper Shipping Name (IMDG) Class (IMDG) Packing group (IMDG) Limited quantities (IMDG) Air transport | (c) "PAINT RELATED MATERIAL, FLAMMABLE, CORROSIVE" may be used for a means of containment containing both paint, flammable, corrosive, and paint related material, flammable, corrosive; and (d) "PRINTING INK RELATED MATERIAL" may be used for a means of containment containing both printing ink and printing ink related material. 5 L 5 L 5 L 1263 PAINT RELATED MATERIAL, 3, II 1263 PAINT RELATED MATERIAL 3 - Flammable liquids II - substances presenting medium danger 5 L |
| Passenger Carrying Road Vehicle or Passenger Carrying Railway Vehicle Index Transport by sea Transport document description (IMDG) UN-No. (IMDG) Proper Shipping Name (IMDG) Class (IMDG) Packing group (IMDG) Limited quantities (IMDG) Air transport Transport document description (IATA) | (c) "PAINT RELATED MATERIAL, FLAMMABLE, CORROSIVE" may be used for a means of containment containing both paint, flammable, corrosive, and paint related material, flammable, corrosive; and (d) "PRINTING INK RELATED MATERIAL" may be used for a means of containment containing both printing ink and printing ink related material. 5 L 5 L 5 L UN 1263 PAINT RELATED MATERIAL, 3, II 1263 PAINT RELATED MATERIAL 3 - Flammable liquids II - substances presenting medium danger 5 L UN 1263 Paint, 3, II |
| Passenger Carrying Road Vehicle or Passenger Carrying Railway Vehicle Index Transport by sea Transport document description (IMDG) UN-No. (IMDG) Proper Shipping Name (IMDG) Class (IMDG) Packing group (IMDG) Limited quantities (IMDG) Air transport Transport document description (IATA) UN-No. (IATA) | (c) "PAINT RELATED MATERIAL, FLAMMABLE, CORROSIVE" may be used for a means of containment containing both paint, flammable, corrosive, and paint related material, flammable, corrosive; and (d) "PRINTING INK RELATED MATERIAL" may be used for a means of containment containing both printing ink and printing ink related material. 5 L 5 L 5 L UN 1263 PAINT RELATED MATERIAL, 3, II 1263 PAINT RELATED MATERIAL 3 - Flammable liquids II - substances presenting medium danger 5 L UN 1263 Paint, 3, II 1263 |

SECTION 15: Regulatory information

15.1. US Federal regulations

Chemical(s) subject to the reporting requirements of Section 313 or Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372.

| Xylene | CAS-No. 1330-20-7 | 5 – 23% |
|--------------|-------------------|---------|
| Ethylbenzene | CAS-No. 100-41-4 | < 5% |

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| methyl acetate (79-20-9) | | | | |
|--------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|--|--|--|
| Listed on the United States TSCA (Toxic Substances Control Act) inventory | | | | |
| 4-chlorobenzotrifluoride (98-56-6) | | | | |
| Listed on the United States TSCA (Toxic Substar | nces Control Act) inventory | | | |
| n-butyl acetate (123-86-4) | | | | |
| Listed on the United States TSCA (Toxic Substar | nces Control Act) inventory | | | |
| CERCLA RQ | 5000 lb | | | |
| solvent naphtha (petroleum), light aromatic (6 | 4742-95-6) | | | |
| Listed on the United States TSCA (Toxic Substar | nces Control Act) inventory | | | |
| hexamethylene diisocyanate oligomers (2818) | 2-81-2) | | | |
| Listed on the United States TSCA (Toxic Substar | nces Control Act) inventory | | | |
| EPA TSCA Regulatory Flag XU - XU - indicates a substance exempt from reporting under the Chemical Data Reporting Rule, (40 CFR 711). | | | | |
| Xylene (1330-20-7) | | | | |
| Listed on the United States TSCA (Toxic Substar Listed on EPA Hazardous Air Pollutant (HAPS) | nces Control Act) inventory | | | |
| Listed on EPA Hazardous Air Pollutant (HAPS) | | | | |
| CERCLA RQ 100 lb | | | | |
| Ethylbenzene (100-41-4) | | | | |
| Listed on the United States TSCA (Toxic Substar Listed on EPA Hazardous Air Pollutant (HAPS) | nces Control Act) inventory | | | |
| Listed on EPA Hazardous Air Pollutant (HAPS) | | | | |
| CERCLA RQ | 1000 lb | | | |

15.2. International regulations

CANADA methyl acetate (79-20-9) Listed on the Canadian DSL (Domestic Substances List) 4-chlorobenzotrifluoride (98-56-6) Listed on the Canadian DSL (Domestic Substances List) n-butyl acetate (123-86-4) Listed on the Canadian DSL (Domestic Substances List) solvent naphtha (petroleum), light aromatic (64742-95-6) Listed on the Canadian DSL (Domestic Substances List) hexamethylene diisocyanate oligomers (28182-81-2) Listed on the Canadian DSL (Domestic Substances List) Xylene (1330-20-7) Listed on the Canadian DSL (Domestic Substances List) Ethylbenzene (100-41-4) Listed on the Canadian DSL (Domestic Substances List) **EU-Regulations**

No additional information available

National regulations

4-chlorobenzotrifluoride (98-56-6)

Listed on IARC (International Agency for Research on Cancer)

Ethylbenzene (100-41-4)

Listed on IARC (International Agency for Research on Cancer)

15.3. US State regulations

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| This product can expose you to 4-chlorobenzotrifluoride, which is known to the State of California to cause cancer. For |
|-------------------------------------------------------------------------------------------------------------------------|
| more information go to www.P65Warnings.ca.gov. |

| Component | Carcinogenicity | Developmental toxicity | Reproductive toxicity male | Reproductive toxicity female | No significant risk level (NSRL) | Maximum allowable dose level (MADL) |
|-------------------------------------------|-----------------|------------------------|----------------------------|------------------------------------|------------------------------------------------|----------------------------------------------|
| 4- chlorobenzotrifluoride(98-56-6) | X | | | | | |
| Ethylbenzene(100-41- 4) | Х | | | | 54 μg/day (inhalation); 41 μg/day (oral) | |

| Component | State or local regulations | |
|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Xylene(1330-20-7) | U.S Delaware - Pollutant Discharge Requirements - Reportable Quantities; U.S Idaho - Non-Carcinogenic Toxic Air Pollutants - Acceptable Ambient Concentrations; U.S Massachusetts - Right To Know List; U.S New Jersey - Right to Know Hazardous Substance List; U.S. – New York City – Right to Know Hazardous Substances List; U.S Pennsylvania - RTK (Right to Know) List | |
| Ethylbenzene(100-41-4) | U.S Delaware - Pollutant Discharge Requirements - Reportable Quantities; U.S Idaho - Non-Carcinogenic Toxic Air Pollutants - Acceptable Ambient Concentrations; U.S Massachusetts - Right To Know List; U.S New Jersey - Right to Know Hazardous Substance List; U.S. – New York City – Right to Know Hazardous Substances List; U.S Pennsylvania - RTK (Right to Know) List | |
| n-butyl acetate(123-86-4) | U.S Delaware - Pollutant Discharge Requirements - Reportable Quantities; U.S Idaho - Non-Carcinogenic Toxic Air Pollutants - Acceptable Ambient Concentrations; U.S Massachusetts - Right To Know List; U.S New Jersey - Right to Know Hazardous Substance List; U.S. – New York City – Right to Know Hazardous Substances List; U.S Pennsylvania - RTK (Right to Know) List | |
| methyl acetate(79-20-9) | U.S Idaho - Non-Carcinogenic Toxic Air Pollutants - Acceptable Ambient Concentrations; U.S New Jersey - Right to Know Hazardous Substance List; U.S. – New York City – Right to Know Hazardous Substances List; U.S Pennsylvania - RTK (Right to Know) List | |

SECTION 16: Other information

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Revision date

: 04/01/2020

Indication of changes:

| Section | Changed item | Change | Comments |
|---------|---------------|----------|----------|
| | Revision date | Modified | |
| | Supersedes | Modified | |
| 9 | Density | Modified | |

SDS US GHS (GHS HazCom2012)

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