Photocentric Rigid UV240 Plant-Based Safety Data Sheet according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations Issue date: 02/14/2021 Revision date: 05/04/2023 Supersedes: 02/14/2021 Version: 2.1

| | | | - apoiloodooi 02/11/2021 | |
|---|----------------------|--|---|------------------------|
| SECTION 1: Identification | | | | |
| 1.1. Identification | | | | |
| Product form | : Mixture | | | |
| Trade name | : Rigid UV240 | Plant-Based | | |
| 1.2. Recommended use and restriction | ons on use | | | |
| Use of the substance/mixture | | otocentric UV LCD Printers | | |
| 1.3. Supplier | | | | |
| | | Diotributor | | |
| Supplier Photocentric Ltd | | Distributor Photocentric Inc | | |
| Titan House | | 855 N. 107th Ave | | |
| 20 Titan Drive | | Suite A110 | | |
| Peterborough, PE1 5XN - United Kingdom T +44 (0) 1733 349937 (UK Office hours on | hz) | Avondale, Arizona 85 | 323 - United States 09 (USA Office hours only) | |
| info@photocentric.co.uk - https://photocent | | | otocentricusa.com - https://ph | otocentricgroup.com/ |
| 1.4. Emergency telephone number | | | | |
| | | | | |
| Emergency number | | 349937 (UK Office hours only) | | |
| | 00623581322 | 0 x1009 (USA Office hours only | <i>y</i>) | |
| | | ergencies for US & CANADA: F | | |
| | | Leak, Fire, Exposure, or Accide | ent Call CHEMTREC 1-800-4 | 24-9300 / +1 703- |
| | 527-3887 CC | N 992854 | | |
| SECTION 2: Hazard(s) identification | on | | | |
| 2.1. Classification of the substance of | or mixture | | | |
| GHS US classification | | | | |
| Acute toxicity (oral) H302 | Harmfu | I if swallowed | | |
| Category 4 | | | | |
| Full text of H statements : see section 16 | | | | |
| 2.2. GHS Label elements, including p | recautionary stateme | ents | | |
| GHS US labeling | ,, | | | |
| Hazard pictograms (GHS US) | | | | |
| | | | | |
| | | | | |
| | •/ | | | |
| | \mathbf{V} | | | |
| Signal word (GHS US) | : Warning | | | |
| Hazard statements (GHS US) | : H302 - Harmf | ul if swallowed | | |
| Precautionary statements (GHS US) | | hands thoroughly after handling | , | |
| | | t eat, drink or smoke when usin If swallowed: Call a doctor if yo | | |
| | P330 - Rinse | , | | |
| | | se of contents/container to a lice | ensed hazardous-waste dispo | osal contractor or |
| | | except for empty clean contain | | |
| | | lous or special waste collection tional regulation. | point, in accordance with loc | al, regional, national |
| | | | | |
| 2.3. Other hazards which do not resu | It in classification | | | |
| lo additional information available | | | | |
| 2.4. Unknown acute toxicity (GHS US | 5) | | | |
| Not applicable | | | | |
| SECTION 3: Composition/Informa | tion on ingredier | ts | | |
| - Composition/information | aon on ngreater | | | |

3.1. Substances

Not applicable

Safety Data Sheet

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

| 3.2. Mixtures | | | |
|---|---------------------------|------------------|--|
| Name | Product identifier | Conc. (% w/w) | GHS US classification |
| Proprietary (Acrylated oligomer)* | (CAS-No.) Trade Secret | 25 – 50 | Acute Tox. 4 (Oral), H302 |
| Proprietary (Photoinitiator)* (Note T) | (CAS-No.) Trade Secret | 0.1 – 1 | STOT RE 2, H373 |
| Proprietary (Crosslinking agent)* | (CAS-No.) Trade Secret | 0.075 – 0.1875 | Acute Tox. 4 (Oral), H302 STOT RE 2, H373 |

Note T : This substance may be marketed in a form which does not have the physical hazards as indicated by the classification in the entry in Part 3. If the results of the relevant method or methods in accordance with Part 2 of Annex I of this Regulation show that the specific form of substance marketed does not exhibit this physical property or these physical hazards, the substance shall be classified in accordance with the result or results of this test or these tests. Relevant information, including reference to the relevant test method(s) shall be included in the safety data sheet. *Chemical name, CAS number and/or exact concentration have been withheld as a trade secret

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 | Never give anything by mouth to an unconscious person. Seek medical attention immediately. IF exposed or concerned: Get medical advice/attention. Call a poison center/doctor/physician if you feel unwell. |
| 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. |
| First-aid measures after skin contact | Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. Wash skin with plenty of water. If skin irritation or rash occurs: Get medical advice/attention. |
| First-aid measures after eye contact | : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately. |
| First-aid measures after ingestion | : Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell. Rinse mouth out with water. If swallowed, seek medical advice immediately and show this container or label. |
| 4.2. Most important symptoms and effec | ts (acute and delayed) |
| Potential Adverse human health effects and symptoms | : Harmful if swallowed. May be harmful in contact with skin. Irritation: severely irritant to eyes. |
| Symptoms/effects | : May cause an allergic skin reaction. Causes serious eye irritation. May cause respiratory irritation. |
| Symptoms/effects after inhalation | : Inhalation may cause irritation (cough, short breathing, difficulty in breathing). May cause respiratory irritation. |
| Symptoms/effects after skin contact | : Irritation. May cause an allergic skin reaction. |
| Symptoms/effects after eye contact | : Causes serious eye damage. Serious damage to eyes. |
| Symptoms/effects after ingestion | : Harmful if swallowed. May cause irritation to the digestive tract. |
| 4.3 Immediate medical attention and spe | scial treatment if perseary |

4.3. Immediate medical attention and special treatment, if necessary

Treat symptomatically. Emergency eye wash fountains should be available in the immediate vicinity of any potential exposure. In all cases of doubt, or when symptoms persist, seek medical attention. Seek medical advice (show the label where possible).

SECTION 5: Fire-fighting measures

| 5.1. Suitable (and unsuitable) extinguishi | ing media |
|--|--|
| Suitable extinguishing media | : Water spray. Dry powder. Foam. Carbon dioxide. |
| Unsuitable extinguishing media | : Do not use a heavy water stream. |
| 5.2. Specific hazards arising from the cho | emical |
| Fire hazard | : Not flammable. Combustible liquid. |
| Explosion hazard | : No direct explosion hazard. |
| Reactivity in case of fire | : Product is not explosive. |
| Hazardous decomposition products in case of fire | : Toxic fumes may be released. |

Safety Data Sheet

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

| 5.3. Special protective equipment ar | nd precautions for fire-fighters | |
|--|---|--|
| Precautionary measures fire | : Keep container closed when not in use. Store in tightly closed, properly ventilated containers | |
| | away from heat, sparks, open flame. Keep cool. Protect from sunlight. Stop leak if safe to do so. | |
| Firefighting instructions | : Do not enter fire area without proper protective equipment, including respiratory protection. In case of fire: Stop leak if safe to do so. Prevent fire-fighting water from entering environment. | |
| Protection during firefighting | Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing. | |
| Other information | : High temperature decomposition products are harmful by inhalation. | |
| SECTION 6: Accidental release m | neasures | |
| | /e equipment and emergency procedures | |
| General measures | : Avoid contact with skin and eyes. Absorb spillage to prevent material-damage. Clean up any spills as soon as possible, using an absorbent material to collect it. May be harmful to aquatic organisms, to flora, to soil organisms. Prevent from entering sewers, basements and workpits, or any place where its accumulation can be dangerous. | |
| 6.1.1. For non-emergency personnel | | |
| Protective equipment | : Wear recommended personal protective equipment. | |
| Emergency procedures | : See section 8 of the SDS for more information on personal protective equipment. Only qualified personnel equipped with suitable protective equipment may intervene. No open flames, no sparks, and no smoking. Do not breathe vapors, spray, mist. | |
| 6.1.2. For emergency responders | | |
| Protective equipment | : Do not attempt to take action without suitable protective equipment. Wear recommended personal protective equipment. Self-contained breathing apparatus. Safety glasses. Protective gloves. For further information refer to section 8: "Exposure controls/personal protection". | |
| Emergency procedures | : Evacuate unnecessary personnel. Prevent from entering sewers, basements and workpits, or any place where its accumulation can be dangerous. Ventilate area. | |
| 6.2. Environmental precautions | | |
| Avoid release to the environment. Prevent liv | iquid from entering sewers, watercourses, underground or low areas. | |
| 6.3. Methods and material for contai | inment and cleaning up | |
| For containment | : For large spills, confine the spill in a dike and charge it with wet sand or earth for subsequent | |
| | safe disposal. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Collect spillage. | |
| Methods for cleaning up | : Take up liquid spill into absorbent material. This material and its container must be disposed of in a safe way, and as per local legislation. 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 | : Dispose of materials or solid residues at an authorized site. | |
| | : Dispose of materials or solid residues at an authorized site. xposure controls/personal protection". For further information refer to section 13. | |
| For further information refer to section 8: "E> | xposure controls/personal protection". For further information refer to section 13. | |
| For further information refer to section 8: "E> SECTION 7: Handling and storag | xposure controls/personal protection". For further information refer to section 13. | |
| For further information refer to section 8: "E> SECTION 7: Handling and storag | xposure controls/personal protection". For further information refer to section 13. | |
| For further information refer to section 8: "E> SECTION 7: Handling and storag 7.1. Precautions for safe handling | xposure controls/personal protection". For further information refer to section 13. IC Not expected to present a significant hazard under anticipated conditions of normal use. Ensure good ventilation of the work station. Avoid contact with skin, eyes and clothing. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Wear personal protective equipment. Obtain special instructions before use. Do not handle unti all safety precautions have been read and understood. Do not breathe vapors, spray, mist. Use only outdoors or in a well-ventilated area. Avoid contact with skin and eyes. | |
| For further information refer to section 8: "Ex SECTION 7: Handling and storag 7.1. Precautions for safe handling Additional hazards when processed | xposure controls/personal protection". For further information refer to section 13. IP Not expected to present a significant hazard under anticipated conditions of normal use. Ensure good ventilation of the work station. Avoid contact with skin, eyes and clothing. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Wear personal protective equipment. Obtain special instructions before use. Do not handle unti all safety precautions have been read and understood. Do not breathe vapors, spray, mist. Use | |
| For further information refer to section 8: "Ex SECTION 7: Handling and storag 7.1. Precautions for safe handling Additional hazards when processed Precautions for safe handling | xposure controls/personal protection". For further information refer to section 13. IC Not expected to present a significant hazard under anticipated conditions of normal use. Ensure good ventilation of the work station. Avoid contact with skin, eyes and clothing. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Wear personal protective equipment. Obtain special instructions before use. Do not handle unti all safety precautions have been read and understood. Do not breathe vapors, spray, mist. Use only outdoors or in a well-ventilated area. Avoid contact with skin and eyes. | |
| For further information refer to section 8: "Ex SECTION 7: Handling and storag 7.1. Precautions for safe handling Additional hazards when processed Precautions for safe handling Handling temperature Hygiene measures | xposure controls/personal protection". For further information refer to section 13. IP Not expected to present a significant hazard under anticipated conditions of normal use. Ensure good ventilation of the work station. Avoid contact with skin, eyes and clothing. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Wear personal protective equipment. Obtain special instructions before use. Do not handle unti all safety precautions have been read and understood. Do not breathe vapors, spray, mist. Use only outdoors or in a well-ventilated area. Avoid contact with skin and eyes. 10 - 50 °C Do not eat, drink or smoke when using this product. Always wash hands after handling the product. Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace. | |
| For further information refer to section 8: "Ex SECTION 7: Handling and storag 7.1. Precautions for safe handling Additional hazards when processed Precautions for safe handling Handling temperature Hygiene measures | xposure controls/personal protection". For further information refer to section 13. IP Not expected to present a significant hazard under anticipated conditions of normal use. Ensure good ventilation of the work station. Avoid contact with skin, eyes and clothing. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Wear personal protective equipment. Obtain special instructions before use. Do not handle unti all safety precautions have been read and understood. Do not breathe vapors, spray, mist. Use only outdoors or in a well-ventilated area. Avoid contact with skin and eyes. 10 - 50 °C Do not eat, drink or smoke when using this product. Always wash hands after handling the product. Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace. | |
| For further information refer to section 8: "Ex SECTION 7: Handling and storag 7.1. Precautions for safe handling Additional hazards when processed Precautions for safe handling Handling temperature Hygiene measures 7.2. Conditions for safe storage, inc | xposure controls/personal protection". For further information refer to section 13. IP Not expected to present a significant hazard under anticipated conditions of normal use. Ensure good ventilation of the work station. Avoid contact with skin, eyes and clothing. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Wear personal protective equipment. Obtain special instructions before use. Do not handle unti all safety precautions have been read and understood. Do not breathe vapors, spray, mist. Use only outdoors or in a well-ventilated area. Avoid contact with skin and eyes. 10 – 50 °C Do not eat, drink or smoke when using this product. Always wash hands after handling the product. Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace. cluding any incompatibilities Keep in a cool, well-ventilated place away from heat. Store in a well-ventilated place. Keep | |
| For further information refer to section 8: "Ex SECTION 7: Handling and storag 7.1. Precautions for safe handling Additional hazards when processed Precautions for safe handling Handling temperature Hygiene measures 7.2. Conditions for safe storage, inc Technical measures | xposure controls/personal protection". For further information refer to section 13. IP Not expected to present a significant hazard under anticipated conditions of normal use. Ensure good ventilation of the work station. Avoid contact with skin, eyes and clothing. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Wear personal protective equipment. Obtain special instructions before use. Do not handle unti all safety precautions have been read and understood. Do not breathe vapors, spray, mist. Use only outdoors or in a well-ventilated area. Avoid contact with skin and eyes. 10 – 50 °C Do not eat, drink or smoke when using this product. Always wash hands after handling the product. Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace. Studing any incompatibilities Keep in a cool, well-ventilated place away from heat. Store in a well-ventilated place. Keep container tightly closed. Protect from sunlight. Store in a | |

Safety Data Sheet

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

| Storage temperature | : < 25 °C |
|----------------------------|---|
| Storage area | : Store away from heat. Store in a well-ventilated place. |
| Special rules on packaging | : Store in a closed container. |
| Packaging materials | : Store always product in container of same material as original container. |

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

| Rigid UV240 Plant-Based |
|-------------------------------------|
| No additional information available |
| Proprietary (Crosslinking agent) |
| No additional information available |
| Proprietary (Acrylated oligomer) |
| No additional information available |
| Proprietary (Photoinitiator) |
| No additional information available |

: Ensure good ventilation of the work station.

: Avoid release to the environment.

8.3. Individual protection measures/Personal protective equipment

Personal protective equipment:

Appropriate engineering controls Environmental exposure controls

Safety glasses. Gloves.

Materials for protective clothing:

Wear suitable protective clothing and gloves

Eye protection:

Safety glasses

Skin and body protection:

Wear suitable protective clothing

Respiratory protection:

No respiratory protection needed under normal use conditions. In case of inadequate ventilation wear respiratory protection.

Personal protective equipment symbol(s):



| nt pint | No data available |
|--------------------------------------|---|
| nt | No data availableNot applicable |
| | : No data available |
| | |
| noid | |
| hold | : No data available |
| | : characteristic |
| | : amber |
| е | : Liquid. |
| ate | : Liquid |
| formation on basic physical and chen | mical properties |
| 9: Physical and chemical pro | operties |
| | formation on basic physical and cher ate |

Safety Data Sheet

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

| Flash point | : No data available |
|---|---------------------|
| Relative evaporation rate (butyl acetate=1) | : No data available |
| Flammability (solid, gas) | : Not applicable. |
| Vapor pressure | : No data available |
| Relative vapor density at 20°C | : No data available |
| Relative density | : No data available |
| Solubility | : No data available |
| Partition coefficient n-octanol/water (Log Pow) | : No data available |
| Auto-ignition temperature | : No data available |
| Decomposition temperature | : No data available |
| Viscosity, kinematic | : No data available |
| Viscosity, dynamic | : 400 – 600 mPa·s |
| Explosion limits | : No data available |
| Explosive properties | : No data available |
| Oxidizing properties | : No data available |
| | |

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions of use.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7). Protect from sunlight. Avoid contact with hot surfaces. Heat. No flames, 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, hazardous decomposition products should not be produced.

| SECTION 11: Toxicological informat | ion |
|--|--|
| 11.1. Information on toxicological effects | |
| Acute toxicity (oral) | : Harmful if swallowed. |
| Acute toxicity (dermal) | : Not classified |
| Acute toxicity (inhalation) | : Not classified |
| ATE US (oral) | 1125.32 mg/kg body weight |
| Proprietary (Crosslinking agent) | |
| LD50 oral rat | 1000 – 2000 mg/kg body weight Animal: rat, Animal sex: female, Guideline: OECD Guideline 423 (Acute Oral toxicity - Acute Toxic Class Method) |
| LC50 Inhalation - Rat | > 3.363 mg/l air Animal: rat, Guideline: OECD Guideline 403 (Acute Inhalation Toxicity), Guideline: EU Method B.2 (Acute Toxicity (Inhalation)), Guideline: EPA OPPTS 870.1300 (Acute inhalation toxicity) |
| ATE US (oral) | 1000 mg/kg body weight |
| Proprietary (Acrylated oligomer) | |
| LD50 oral rat | 550 mg/kg |
| ATE US (oral) | 550 mg/kg body weight |
| Proprietary (Photoinitiator) | |
| LD50 oral rat | > 2000 mg/kg body weight Animal: rat, Guideline: other:OECD GUIDELINE No.401 (CORRESPONDING TO 84/449/EEC, B.1) |
| 05/04/2023 | EN (English LIS) 5/9 |

Safety Data Sheet

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

| Proprietary (Photoinitiator) | |
|---|---|
| LD50 dermal rat | > 2000 mg/kg body weight Animal: rat, Guideline: other:OECD GUIDELINE No.402 (CORRESPONDING TO 84/449/EEC, B.3) |
| Skin corrosion/irritation | : Not classified |
| Serious eye damage/irritation | : Not classified |
| Respiratory or skin sensitization | : Not classified |
| Germ cell mutagenicity | : Not classified |
| Carcinogenicity | : Not classified |
| Reproductive toxicity | : Not classified |
| STOT-single exposure | : Not classified |
| STOT-repeated exposure | : Not classified |
| Proprietary (Crosslinking agent) | |
| NOAEL (oral,rat,90 days) | ≥ 100 mg/kg body weight Animal: rat, Guideline: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test) |
| STOT-repeated exposure | May cause damage to organs through prolonged or repeated exposure. |
| Proprietary (Photoinitiator) | |
| NOAEL (oral,rat,90 days) | < 10.8 mg/kg body weight Animal: other:ALBINO RAT/Tif: RAIf (SPF) HYBRIDIS OF RII/1×RII/2, Guideline: other:EEC Directive, B.7 |
| STOT-repeated exposure | May cause damage to organs through prolonged or repeated exposure. |
| Aspiration hazard | : Not classified |
| Viscosity, kinematic | : No data available |
| Potential Adverse human health effects and symptoms | : Harmful if swallowed. May be harmful in contact with skin. Irritation: severely irritant to eyes. |
| Symptoms/effects | : May cause an allergic skin reaction. Causes serious eye irritation. May cause respiratory irritation. |
| Symptoms/effects after inhalation | Inhalation may cause irritation (cough, short breathing, difficulty in breathing). May cause respiratory irritation. |
| Symptoms/effects after skin contact | : Irritation. May cause an allergic skin reaction. |
| Symptoms/effects after eye contact | : Causes serious eye damage. Serious damage to eyes. |
| Symptoms/effects after ingestion | : Harmful if swallowed. May cause irritation to the digestive tract. |
| Other information | : Likely routes of exposure: skin and eye. |
| SECTION 42: Ecological information | |

| ECTION 12: Ecological information | |
|------------------------------------|--|
| 2.1. Toxicity | |
| Ecology - general | : The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment. Very toxic to aquatic life with long lasting effects. |
| Ecology - water | : Toxic to aquatic life with long lasting effects. |
| Proprietary (Crosslinking agent) | |
| LC50 fish 1 | 0.034 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri) |
| EC50 Daphnia 1 | > 0.35 mg/l Test organisms (species): Daphnia magna |
| Proprietary (Photoinitiator) | |
| LC50 fish 1 | > 100 mg/l Test organisms (species): other:ZEBRA FISH |
| EC50 other aquatic organisms 1 | 2.15 mg/l Test organisms (species): other aquatic crustacea:DM |
| 2.2. Persistence and degradability | |
| | |
| Proprietary (Photoinitiator) | |
| Persistence and degradability | Biodegradability in water: no data available. |
| I2.3. Bioaccumulative potential | |
| | |

No additional information available

Safety Data Sheet

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

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

No additional information available

| SECTION 13: Disposal consideration | S |
|--|---|
| 13.1. Disposal methods | |
| Waste treatment methods | : Dispose of contents/container in accordance with licensed collector's sorting instructions. |
| Sewage disposal recommendations | : Disposal must be done according to official regulations. |
| Product/Packaging disposal recommendations | : Avoid release to the environment. Comply with applicable regulations for solid waste disposal. Dispose in a safe manner in accordance with local/national regulations. |
| Additional information | : Clean up even minor leaks or spills if possible without unnecessary risk. Consult an expert on waste disposal or treatment. |
| Ecology - waste materials | : Avoid release to the environment. Hazardous waste due to toxicity. |
| SECTION 14: Transport information | |
| Department of Transportation (DOT) | |
| In accordance with DOT | |
| Not applicable | |
| Transportation of Dangerous Goods | |
| Not applicable | |
| Transport by sea | |
| Transport document description (IMDG) | : UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Isobornylacrylate), 9, III, MARINE POLLUTANT |
| UN-No. (IMDG) | : 3082 |
| Proper Shipping Name (IMDG) | : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. |
| Class (IMDG) | : 9 - Miscellaneous dangerous substances and articles |
| Packing group (IMDG) | : III - substances presenting low danger |
| Limited quantities (IMDG) | : 5L |
| Air transport | |
| Transport document description (IATA) | : UN 3082 Environmentally hazardous substance, liquid, n.o.s. (Isobornylacrylate), 9, III |
| UN-No. (IATA) | : 3082 |
| Proper Shipping Name (IATA) | : Environmentally hazardous substance, liquid, n.o.s. |
| Class (IATA) | : 9 - Miscellaneous Dangerous Substances and Articles |
| Packing group (IATA) | : III - Low danger |
| SECTION 15: Regulatory information | |
| 15.1. US Federal regulations | |

| Rigid UV240 Plant-Based | | | |
|---|---------|----------|--|
| All components of this product are present and listed as Active on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory, except for: | | | |
| Proprietary (Acrylated oligomer) | CAS-No. | 25 – 50% | |
| This product or mixture is not known to contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372. | | | |
| Proprietary (Photoinitiator) | | | |

EPA TSCA Regulatory Flag PMN - PMN - indicates a commenced PMN substance.

Safety Data Sheet

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

| 15.2. International regulati | ons |
|------------------------------|---|
| CANADA | |
| Proprietary (Crosslinki | ng agent) |
| Listed on the Canadian E | DSL (Domestic Substances List) |
| Proprietary (Acrylated of | oligomer) |
| Not listed on the Canadia | an DSL (Domestic Substances List)/NDSL (Non-Domestic Substances List) |
| Proprietary (Photoinitia | itor) |
| Listed on the Canadian N | NDSL (Non-Domestic Substances List) |
| EU-Regulations | |
| No additional information av | railable |
| National regulations | |
| No additional information av | railable |
| 15.3. US State regulations | |
| | |

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

SECTION 16: Other information

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

Revision date

H302 H373 : 05/04/2023

| Full | text | of | H- | phrases: |
|------|-------|----|----|------------|
| i un | LO AL | 01 | | principeo. |

| | Harmful if swallowed |
|---|---|
| i | May cause damage to organs through prolonged or repeated exposure |

Abbreviations and acronyms:

Safety Data Sheet

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

| ADN | European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways | |
|---------|---|--|
| ADR | European Agreement concerning the International Carriage of Dangerous Goods by Road | |
| ATE | Acute Toxicity Estimate | |
| BLV | Biological limit value | |
| CAS-No. | Chemical Abstract Service number | |
| CLP | Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008 | |
| DMEL | Derived Minimal Effect level | |
| DNEL | Derived-No Effect Level | |
| EC50 | Median effective concentration | |
| EC-No. | European Community number | |
| EN | European Standard | |
| IATA | International Air Transport Association | |
| IMDG | International Maritime Dangerous Goods | |
| LC50 | Median lethal concentration | |
| LD50 | Median lethal dose | |
| LOAEL | Lowest Observed Adverse Effect Level | |
| NOAEC | No-Observed Adverse Effect Concentration | |
| NOAEL | No-Observed Adverse Effect Level | |
| NOEC | No-Observed Effect Concentration | |
| OEL | Occupational Exposure Limit | |
| PBT | Persistent Bioaccumulative Toxic | |
| PNEC | Predicted No-Effect Concentration | |
| REACH | Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006 | |
| RID | Regulations concerning the International Carriage of Dangerous Goods by Rail | |
| SDS | Safety Data Sheet | |
| vPvB | Very Persistent and Very Bioaccumulative | |
| WGK | Water Hazard Class | |

SDS US (GHS HazCom 2012)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.