



RAPTOR FIBERGLASS REPAIR KIT - RESIN

Safety Data Sheet RFGR-US-SDS

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

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Version: 3.0

SECTION 1: Identification

1.1. Identification

Product form : Mixture
 Trade name : RAPTOR FIBERGLASS REPAIR KIT - RESIN
 UP Number : UP5050

1.2. Recommended use and restrictions on use

Use of the substance/mixture : Fillers, putties, plasters, modeling clay
 Recommended use : Fillers

1.3. Supplier

Manufacturer

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-pol.com

1.4. Emergency telephone number

Emergency number : CHEMTREC - 1-800-424-9300

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS US classification

| | |
|--|--|
| Flammable liquids Category 3 | Flammable liquid and vapor |
| Skin corrosion/irritation Category 2 | Causes skin irritation |
| Serious eye damage/eye irritation Category 2 | Causes serious eye irritation |
| Respiratory sensitization, Category 1 | May cause an allergy or asthma symptoms or breathing difficulties if inhaled |
| Skin sensitization, Category 1 | May cause an allergic skin reaction |
| Carcinogenicity Category 2 | Suspected of causing cancer |
| Reproductive toxicity Category 2 | Suspected of damaging the unborn child |
| Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation | May cause respiratory irritation |
| Specific target organ toxicity (repeated exposure) Category 1 | Causes damage to organs (hearing organs) through prolonged or repeated exposure (Inhalation) |

2.2. GHS Label elements, including precautionary statements

GHS US labeling

Hazard pictograms (GHS US) :



Signal word (GHS US) :

Danger

Hazard statements (GHS US) :

Flammable liquid and vapor
 Causes skin irritation
 May cause an allergic skin reaction
 Causes serious eye irritation
 May cause an allergy or asthma symptoms or breathing difficulties if inhaled
 May cause respiratory irritation
 Suspected of causing cancer
 Suspected of damaging the unborn child
 Causes damage to organs (hearing organs) through prolonged or repeated exposure (Inhalation)

Precautionary statements (GHS US) :

If medical advice is needed, have product container or label at hand.
 Keep out of reach of children.
 Obtain special instructions before use.
 Do not handle until all safety precautions have been read and understood.
 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

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Keep container tightly closed.
Use only non-sparking tools.
Take precautionary measures against static discharge.
Do not breathe fume, vapors.
Wash hands thoroughly after handling.
Do not eat, drink or smoke when using this product.
Use only outdoors or in a well-ventilated area.
Contaminated work clothing must not be allowed out of the workplace.
Wear eye protection, protective clothing, protective gloves.
[In case of inadequate ventilation] wear respiratory protection.
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.
If experiencing respiratory symptoms: Call a poison center or doctor.
Take off contaminated clothing and wash it before reuse.
In case of fire: Use foam, extinguishing powder, dry sand 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 |
|--------------------|--------------------|---------|---|
| styrene | (CAS-No.) 100-42-5 | 23 – 43 | Flam. Liq. 3, H226 Acute Tox. 4 (Inhalation:vapour), H332 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Carc. 2, H351 Repr. 2, H361 STOT SE 3, H335 STOT RE 1, H372 Asp. Tox. 1, H304 Aquatic Chronic 3, H412 |
| phthalic anhydride | (CAS-No.) 85-44-9 | < 5 | Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 Resp. Sens. 1, H334 Skin Sens. 1, H317 STOT SE 3, H335 |

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. 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 : 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.

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4.2. Most important symptoms and effects (acute and delayed)

| | |
|-------------------------------------|---|
| Symptoms/effects after inhalation | : May cause respiratory irritation. May cause an allergy or asthma symptoms or breathing difficulties if inhaled. |
| Symptoms/effects after skin contact | : Irritation. May cause an allergic skin reaction. |
| Symptoms/effects after eye contact | : Eye irritation. |

4.3. Immediate medical attention and special treatment, if necessary

Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.

5.2. Specific hazards arising from the chemical

| | |
|-------------|-------------------------------|
| Fire hazard | : Flammable liquid and vapor. |
| Reactivity | : Flammable liquid and vapor. |

5.3. Special protective equipment and precautions for fire-fighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

| | |
|----------------------|--|
| Protective equipment | : Safety glasses. Protective clothing. Gloves. |
| Emergency procedures | : Ventilate spillage area. No open flames, no sparks, and no smoking. Do not breathe vapors, fume. Avoid contact with skin and eyes. |

6.1.2. For emergency responders

Protective equipment : 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

| | |
|-------------------------|---|
| For containment | : Contain released product, pump into suitable containers. Collect spillage. |
| Methods for cleaning up | : 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

| | |
|-------------------------------|--|
| 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. Use only outdoors or in a well-ventilated area. Avoid contact with skin and eyes. |
| Hygiene measures | : Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace. Do not eat, drink or smoke when using this product. Always wash hands after handling the product. |

7.2. Conditions for safe storage, 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. |
| Incompatible products | : Oxidizing agent. |
| Storage temperature | : < 25 °C |
| Storage area | : Store in a well-ventilated place. |

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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

| styrene (100-42-5) | | |
|------------------------------|--|--|
| ACGIH | Local name | Styrene |
| ACGIH | ACGIH OEL TWA [ppm] | 20 ppm |
| ACGIH | ACGIH OEL STEL [ppm] | 40 ppm |
| ACGIH | Remark (ACGIH) | TLV® Basis: CNS & hearing impair; URT irr; peripheral neuropathy; visual disorders. Notations: OTO; A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans); BEI |
| ACGIH | Regulatory reference | ACGIH 2021 |
| OSHA | OSHA PEL (TWA) [2] | 100 ppm |
| OSHA | OSHA PEL C [ppm] | 200 ppm |
| OSHA | Acceptable maximum peak above the acceptable ceiling concentration for an 8-hr shift | 600 ppm 5 mins. in any 3 hrs. |
| OSHA | Regulatory reference (US-OSHA) | OSHA Annotated Table Z-2 |
| phthalic anhydride (85-44-9) | | |
| ACGIH | Local name | Phthalic anhydride |
| ACGIH | ACGIH OEL TWA | 0.002 mg/m ³ (Inhalable fraction and vapor) |
| ACGIH | ACGIH OEL STEL | 0.005 mg/m ³ (Inhalable fraction and vapor) |
| ACGIH | Remark (ACGIH) | TLV® Basis: Resp sens; asthma. Notations: Skin; DSEN; RSEN; A4 (Not classifiable as a Human Carcinogen) |
| ACGIH | Regulatory reference | ACGIH 2021 |
| OSHA | OSHA PEL (TWA) [1] | 12 mg/m ³ |
| OSHA | OSHA PEL (TWA) [2] | 2 ppm |
| OSHA | Regulatory reference (US-OSHA) | OSHA Annotated Table Z-1 |

8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.
Environmental exposure controls : Avoid release to the environment.

8.3. Individual protection measures/Personal protective equipment

Personal protective equipment:

Gloves. Protective clothing. Safety glasses.

Materials for protective clothing:

Impermeable clothing

Hand protection:

Protective gloves

| Type | Material | Permeation | Thickness (mm) | Penetration |
|-------------------|----------------------|------------------|----------------|-------------|
| Protective gloves | Nitrile rubber (NBR) | 3 (> 60 minutes) | 0.3 | |

Eye protection:

Safety glasses

Skin and body protection:

Wear suitable protective clothing

Respiratory protection:

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Wear respiratory protection.

| Device | Filter type | Condition |
|---------------------|--|-----------|
| Breathing apparatus | Type A - High-boiling (>65 °C) organic compounds | |

Personal protective equipment symbol(s):



SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|---|--|
| Physical state | : Liquid |
| Appearance | : Liquid. |
| Color | : dark yellow |
| Odor | : There may be no odour warning properties, odour is subjective and inadequate to warn of overexposure. Mixture contains one or more component(s) which have the following odour: Aromatic odour Sweet odour Irritating/pungent odour Characteristic odour |
| Odor threshold | : No data available |
| pH | : No data available |
| Melting point | : Not applicable |
| Freezing point | : No data available |
| Boiling point | : 145 °C |
| Flash point | : 31 °C |
| Relative evaporation rate (butyl acetate=1) | : No data available |
| Flammability (solid, gas) | : Not applicable. |
| Vapor pressure | : 6 hPa |
| Relative vapor density at 20 °C | : 3.6 |
| Relative density | : No data available |
| Density | : 1.09 g/cm ³ |
| Solubility | : Insoluble in water. Soluble in aromatic hydrocarbons. |
| Partition coefficient n-octanol/water (Log Pow) | : No data available |
| Auto-ignition temperature | : No data available |
| Decomposition temperature | : No data available |
| No data available | Viscosity, kinematic : 477 – 624 mm ² /s |
| Viscosity, dynamic | : ≈ 600 (520 – 680) mPa·s |
| Explosion limits | : No data available |
| Explosive properties | : No data available |
| Oxidizing properties | : No data available |

9.2. Other information

| | |
|----------------------------|-------------------------|
| As Packaged Regulatory VOC | : 440 g/l (3.7 lbs/gal) |
| As Packaged Actual VOC | : 440 g/l (3.7 lbs/gal) |
| As Applied Regulatory VOC | : 70 g/l (0.6 lb/gal) |
| As Applied Actual VOC | : 70 g/l (0.6 lb/gal) |
| Water Content | 0 wt% |
| Exempt Compounds by volume | : 0 vol % |
| Exempt Compounds by weight | : 0 wt% |
| Volatiles | : 40 wt% |
| % EPA HAPS | : 60 wt% |
| Percent Solids | : 60 wt% |

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SECTION 10: Stability and reactivity

10.1. Reactivity

Flammable liquid and vapor.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

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 information

11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified
Acute toxicity (dermal) : Not classified
Acute toxicity (inhalation) : Not classified

| styrene (100-42-5) | |
|-----------------------|---|
| LD50 dermal rat | > 2000 mg/kg body weight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity) |
| LC50 Inhalation - Rat | 11.8 mg/l (4 h, Rat, Inconclusive, insufficient data, Inhalation (vapours)) |
| ATE US (vapors) | 11.8 mg/l/4h |
| ATE US (dust, mist) | 11.8 mg/l/4h |

| phthalic anhydride (85-44-9) | |
|------------------------------|--|
| LD50 oral rat | 1530 mg/kg body weight Animal: rat, Animal sex: male |
| LD50 dermal rabbit | > 3160 mg/kg (Rabbit, Experimental value, Dermal, 14 day(s)) |
| LC50 Inhalation - Rat | > 2.14 mg/l air Animal: rat, Guideline: OECD Guideline 403 (Acute Inhalation Toxicity) |
| ATE US (oral) | 1530 mg/kg body weight |

Skin corrosion/irritation : Causes skin irritation.
Serious eye damage/irritation : Causes serious eye irritation.
Respiratory or skin sensitization : May cause an allergy or asthma symptoms or breathing difficulties if inhaled. May cause an allergic skin reaction.
Germ cell mutagenicity : Not classified
Carcinogenicity : Suspected of causing cancer.

| styrene (100-42-5) | |
|--|---|
| IARC group | 2B - Possibly carcinogenic to humans |
| National Toxicology Program (NTP) Status | Reasonably anticipated to be Human Carcinogen |

| phthalic anhydride (85-44-9) | |
|--|---|
| NOAEL (chronic,oral,animal/male,2 years) | 3570 mg/kg body weight Animal: mouse, Animal sex: male, Remarks on results: other:Effect type: carcinogenicity (migrated information) |
| NOAEL (chronic,oral,animal/female,2 years) | 1785 mg/kg body weight Animal: mouse, Animal sex: female, Remarks on results: other:Effect type: carcinogenicity (migrated information) |

Reproductive toxicity : Suspected of damaging the unborn child.
STOT-single exposure : May cause respiratory irritation.

| styrene (100-42-5) | |
|----------------------|-----------------------------------|
| STOT-single exposure | May cause respiratory irritation. |

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| phthalic anhydride (85-44-9) | |
|-------------------------------------|-----------------------------------|
| STOT-single exposure | May cause respiratory irritation. |

STOT-repeated exposure : Causes damage to organs (hearing organs) through prolonged or repeated exposure (Inhalation).

| styrene (100-42-5) | |
|---|--|
| LOAEL (oral,rat,90 days) | 2000 mg/kg body weight Animal: rat |
| LOAEC (inhalation,rat,vapor,90 days) | 0.21 mg/l air Animal: rat, Guideline: OECD Guideline 453 (Combined Chronic Toxicity / Carcinogenicity Studies) |
| NOAEL (oral,rat,90 days) | 1000 mg/kg body weight Animal: rat |
| NOAEL (subchronic,oral,animal/male,90 days) | 10 mg/kg body weight Animal: mouse, Animal sex: male |
| STOT-repeated exposure | Causes damage to organs through prolonged or repeated exposure. |

| phthalic anhydride (85-44-9) | |
|-------------------------------------|--|
| LOAEL (oral,rat,90 days) | 2500 mg/kg body weight Animal: rat, Animal sex: male |

Aspiration hazard : Not classified

Viscosity, kinematic : 477 – 624 mm²/s

Symptoms/effects after inhalation : May cause respiratory irritation. May cause an allergy or asthma symptoms or breathing difficulties if inhaled.

Symptoms/effects after skin contact : Irritation. 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.

| styrene (100-42-5) | |
|---------------------------|---|
| LC50 - Fish [1] | 10 mg/l Test organisms (species): Pimephales promelas |
| EC50 - Crustacea [1] | 4.7 mg/l Test organisms (species): Daphnia magna |
| ErC50 algae | 4.9 mg/l (EPA OTS 797.1050, 72 h, Pseudokirchneriella subcapitata, Static system, Fresh water, Experimental value, GLP) |
| LOEC (chronic) | 2.06 mg/l Test organisms (species): Daphnia magna Duration: '21 d' |
| NOEC (chronic) | 1.01 mg/l Test organisms (species): Daphnia magna Duration: '21 d' |

| phthalic anhydride (85-44-9) | |
|-------------------------------------|--|
| LC50 - Fish [1] | 560 mg/l (OECD 210: Fish, Early-Life Stage Toxicity Test, 7 day(s), Danio rerio, Semi-static system, Fresh water, Experimental value, Nominal concentration) |
| EC50 - Crustacea [1] | > 640 mg/l Test organisms (species): Daphnia magna |
| NOEC (chronic) | 16 mg/l Test organisms (species): Daphnia magna Duration: '21 d' |
| NOEC chronic fish | 10 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri) Duration: '60 d' |

12.2. Persistence and degradability

| styrene (100-42-5) | |
|-------------------------------|--|
| Persistence and degradability | Biodegradable in the soil. Readily biodegradable in water. |
| Chemical oxygen demand (COD) | 2.8 g O ₂ /g substance |
| ThOD | 3.07 g O ₂ /g substance |
| BOD (% of ThOD) | 0.42 (Literature study) |

| phthalic anhydride (85-44-9) | |
|-------------------------------------|------------------------------------|
| Persistence and degradability | Readily biodegradable in water. |
| Biochemical oxygen demand (BOD) | 1.26 g O ₂ /g substance |
| ThOD | 1.51 g O ₂ /g substance |

12.3. Bioaccumulative potential

| styrene (100-42-5) | |
|---------------------------|--|
| BCF - Fish [1] | 35.5 (Carassius auratus, Literature study) |

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| styrene (100-42-5) | |
|---|---|
| Partition coefficient n-octanol/water (Log Pow) | 2.96 (Experimental value, OECD 107: Partition Coefficient (n-octanol/water): Shake Flask Method, 25 °C) |
| Bioaccumulative potential | Low potential for bioaccumulation (Log Kow < 4). |
| phthalic anhydride (85-44-9) | |
| BCF - Other aquatic organisms [1] | 3.4 (EPIWIN BCF (v 2.15), Calculated value) |
| Partition coefficient n-octanol/water (Log Pow) | 1.6 (Experimental value) |
| Bioaccumulative potential | Low potential for bioaccumulation (Log Kow < 4). |

12.4. Mobility in soil

| styrene (100-42-5) | |
|--|--|
| Surface tension | 0.032 N/m (20 °C) |
| Organic Carbon Normalized Adsorption Coefficient (Log Koc) | 2.55 (log Koc, Estimated value) |
| Ecology - soil | Low potential for adsorption in soil. |
| phthalic anhydride (85-44-9) | |
| Organic Carbon Normalized Adsorption Coefficient (Log Koc) | 0.3 – 1.49 (log Koc, Calculated value) |
| Ecology - soil | Highly mobile in soil. |

12.5. Other adverse effects

SECTION 13: Disposal considerations

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

Department of Transportation (DOT)

In accordance with DOT

| | |
|--------------------------------------|---|
| Transport document description (DOT) | : UN1866 Resin solution, 3, III |
| UN-No.(DOT) | : UN1866 |
| Proper Shipping Name (DOT) | : Resin solution |
| Class (DOT) | : 3 - Class 3 - Flammable and combustible liquid 49 CFR 173.120 |
| Packing group (DOT) | : III - Minor Danger |
| Hazard labels (DOT) | : 3 - Flammable liquid |



| | |
|---|-------|
| DOT Packaging Non Bulk (49 CFR 173.xxx) | : 173 |
| DOT Packaging Bulk (49 CFR 173.xxx) | : 242 |

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| | |
|--|--|
| DOT Special Provisions (49 CFR 172.102) | : B1 - If the material has a flash point at or above 38 C (100 F) and below 93 C (200 F), then the bulk packaging requirements of 173.241 of this subchapter are applicable. If the material has a flash point of less than 38 C (100 F), then the bulk packaging requirements of 173.242 of this subchapter are applicable. B52 - Notwithstanding the provisions of 173.24b of this subchapter, non-reclosing pressure relief devices are authorized on DOT 57 portable tanks. IB3 - Authorized IBCs: Metal (31A, 31B and 31N); Rigid plastics (31H1 and 31H2); Composite (31HZ1 and 31HA2, 31HB2, 31HN2, 31HD2 and 31HH2). Additional Requirement: Only liquids with a vapor pressure less than or equal to 110 kPa at 50 C (1.1 bar at 122 F), or 130 kPa at 55 C (1.3 bar at 131 F) are authorized, except for UN2672 (also see Special Provision IP8 in Table 2 for UN2672). T2 - 1.5 178.274(d)(2) Normal..... 178.275(d)(3) 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. |
| DOT Packaging Exceptions (49 CFR 173.xxx) | : 150 |
| DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27) | : 60 L |
| DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75) | : 220 L |
| DOT Vessel Stowage Location | : A - The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel. |
| Emergency Response Guide (ERG) Number | : 127 |
| Other information | : No supplementary information available. |

Transportation of Dangerous Goods

| | |
|---|-----------------------------------|
| Transport document description (TDG) | : UN1866 RESIN SOLUTION, 3, III |
| UN-No. (TDG) | : UN1866 |
| Proper Shipping Name (TDG) | : RESIN SOLUTION |
| TDG Primary Hazard Classes | : 3 - Class 3 - Flammable Liquids |
| Packing group (TDG) | : III - Minor Danger |
| Explosive Limit and Limited Quantity Index | : 5 L |
| Passenger Carrying Road Vehicle or Passenger Carrying Railway Vehicle Index | : 60 L |

Transport by sea

| | |
|---------------------------------------|--|
| Transport document description (IMDG) | : UN 1866 RESIN SOLUTION, 3, III |
| UN-No. (IMDG) | : 1866 |
| Proper Shipping Name (IMDG) | : RESIN SOLUTION |
| Class (IMDG) | : 3 - Flammable liquids |
| Packing group (IMDG) | : III - substances presenting low danger |
| Limited quantities (IMDG) | : 5 L |

Air transport

| | |
|---------------------------------------|----------------------------------|
| Transport document description (IATA) | : UN 1866 Resin solution, 3, III |
| UN-No. (IATA) | : 1866 |
| Proper Shipping Name (IATA) | : Resin solution |
| Class (IATA) | : 3 - Flammable Liquids |
| Packing group (IATA) | : III - Minor Danger |

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.

| | | |
|--------------------|------------------|----------|
| styrene | CAS-No. 100-42-5 | 23 – 43% |
| phthalic anhydride | CAS-No. 85-44-9 | < 5% |

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styrene (100-42-5)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

Listed on EPA Hazardous Air Pollutant (HAPS)

Listed on EPA Hazardous Air Pollutant (HAPS)

CERCLA RQ 1000 lb

phthalic anhydride (85-44-9)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

Listed on EPA Hazardous Air Pollutant (HAPS)

Listed on EPA Hazardous Air Pollutant (HAPS)

CERCLA RQ 5000 lb

15.2. International regulations

CANADA

styrene (100-42-5)

Listed on the Canadian DSL (Domestic Substances List)

phthalic anhydride (85-44-9)

Listed on the Canadian DSL (Domestic Substances List)

EU-Regulations

No additional information available

National regulations

styrene (100-42-5)

Listed on IARC (International Agency for Research on Cancer)

Listed as carcinogen on NTP (National Toxicology Program)

15.3. US State regulations

⚠ WARNING: This product can expose you to styrene, 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) |
|-------------------|-----------------|------------------------|----------------------------|------------------------------|----------------------------------|-------------------------------------|
| styrene(100-42-5) | X | | | | 27 µg/day | |

| Component | State or local regulations |
|-----------------------------|---|
| styrene(100-42-5) | 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 |
| phthalic anhydride(85-44-9) | 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 |

SECTION 16: Other information

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

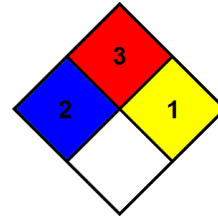
Revision date : 06/11/2020

RAPTOR FIBERGLASS REPAIR KIT - RESIN

Safety Data Sheet

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

- NFPA health hazard : 2 - Materials that, under emergency conditions, can cause temporary incapacitation or residual injury.
- NFPA fire hazard : 3 - Liquids and solids (including finely divided suspended solids) that can be ignited under almost all ambient temperature conditions.
- NFPA reactivity : 1 - Materials that in themselves are normally stable but can become unstable at elevated temperatures and pressures.



SDS US GHS (GHS HazCom2012)

For professional use only.

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