



Safety Data Sheet

Prepared in Accordance with HCS 29
C.F.R. 1910.1200

1. Identification of the Substance/Mixture and the Company/Undertaking

| | | | |
|--|--|-------------------------|------------|
| 1.1 Product Identifier | 1089B1NL | Revision Date: | 06/13/2023 |
| Product Name: | CARBOGUARD 892 PR PART B | Supersedes Date: | New SDS |
| 1.2 Relevant identified uses of the substance or mixture and uses advised against | Component of multicomponent industrial coatings - Industrial use. | | |
| 1.3 Details of the supplier of the safety data sheet | | | |
| Manufacturer: | Carboline Global Inc. 2150 Schuetz Road St. Louis, MO USA 63146 | | |
| | Regulatory / Technical Information: Contact Carboline Technical Services at 1-800-848-4645 | | |
| Datasheet Produced by: | Schlereth, Ken - regulatory@carboline.com | | |
| 1.4 Emergency telephone number: | CHEMTREC 1-800-424-9300 (Inside US) CHEMTREC +1 703 5273887 (Outside US) HEALTH - Pittsburgh Poison Control 1-412-681-6669 | | |

2. Hazard Identification

2.1 Classification of the substance or mixture

Acute Toxicity, Inhalation, category 4
 Hazardous to the aquatic environment, Chronic, category 3
 Carcinogenicity, category 1A
 Serious Eye Damage, category 1
 Flammable Liquid, category 2
 STOT, repeated exposure, category 1
 Skin Irritation, category 2
 Skin Sensitizer, category 1

2.2 Label elements

Symbol(s) of Product



Signal Word

Danger

Named Chemicals on Label

N-BUTANOL, ORTHO-XYLENE, ETHYL BENZENE, BENZYL ALCOHOL, PARA-XYLENE, META-XYLENE, ISOPHORONEDIAMINE, MICROCRYSTALLINE SILICA, AROMATIC HYDROCARBON

HAZARD STATEMENTS

| | | |
|---|---------|---|
| Flammable Liquid, category 2 | H225 | Highly flammable liquid and vapour. |
| Skin Irritation, category 2 | H315 | Causes skin irritation. |
| Skin Sensitizer, category 1 | H317 | May cause an allergic skin reaction. |
| Serious Eye Damage, category 1 | H318 | Causes serious eye damage. |
| Acute Toxicity, Inhalation, category 4 | H332 | Harmful if inhaled. |
| Carcinogenicity, category 1A | H350-1A | May cause cancer. |
| STOT, repeated exposure, category 1 | H372 | Causes damage to organs through prolonged or repeated exposure. |
| Hazardous to the aquatic environment, Chronic, category 3 | H412 | Harmful to aquatic life with long lasting effects. |

PRECAUTION PHRASES

| | |
|--------------|---|
| P201 | Obtain special instructions before use. |
| P202 | Do not handle until all safety precautions have been read and understood. |
| P210 | Keep away from heat/sparks/open flames/hot surfaces. - No smoking. |
| P235 | Keep cool. |
| P260 | Do not breathe dust/fume/gas/mist/vapours/spray. |
| P264 | Wash hands thoroughly after handling. |
| P273 | Avoid release to the environment. |
| P280 | Wear protective gloves/protective clothing/eye protection/face protection. |
| P284 | Wear respiratory protection. |
| P301+310 | IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. |
| P302+352 | IF ON SKIN: Wash with plenty of soap and water. |
| P304+340 | IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. |
| P305+351+338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. |
| P308+313 | IF exposed or concerned: Get medical advice/attention |
| P314 | Get medical advice/attention if you feel unwell. |
| P333+313 | If skin irritation or rash occurs: Get medical advice/attention. |
| P403+233 | Store in a well-ventilated place. Keep container tightly closed. |

ADDITIONAL INFORMATION

| | |
|----------------------|--|
| Note_P 64742-95-6 | Note P : The classification as a carcinogen or mutagen need not apply; the substance, CAS 64742-95-6, contains less than 0,1 % w/w benzene |
|----------------------|--|

2.3 Other hazards

No Information

Results of PBT and vPvB assessment:

The product does not meet the criteria for PBT/VPvB in accordance with Annex XIII.

3. Composition/Information On Ingredients**3.2 Mixtures****Hazardous ingredients**

| <u>Name According to EEC</u> | <u>EINEC No.</u> | <u>CAS-No.</u> | <u>%</u> | <u>Classifications</u> | |
|----------------------------------|------------------|----------------|------------|--|---|
| MICROCRYSTALLINE SILICA | 238-878-4 | 14808-60-7 | 50 - <75 | H350-372 | Carc. 1A, STOT RE 1 |
| BENZYL ALCOHOL | 202-859-9 | 100-51-6 | 2.5 - <10 | H302-312-319-332 | Acute Tox. 4 Dermal, Acute Tox. 4 Inhalation, Acute Tox. 4 Oral, Eye Irrit. 2 |
| ISOPHORONEDIAMINE | 220-666-8 | 2855-13-2 | 2.5 - <10 | H302-312-314-317-412 | Acute Tox. 4 Dermal, Acute Tox. 4 Oral, Aquatic Chronic 3, Skin Corr. 1, Skin Sens. 1A |
| META-XYLENE | 203-576-3 | 108-38-3 | 2.5 - <10 | H312-315-332 | Acute Tox. 4 Dermal, Acute Tox. 4 Inhalation, Skin Irrit. 2 |
| ISOPROPANOL | 200-661-7 | 67-63-0 | 2.5 - <10 | H225-319-336 | Eye Irrit. 2, Flam. Liq. 2, STOT SE 3 NE |
| TOLUENE | 203-625-9 | 108-88-3 | 2.5 - <10 | H225-304-315-319-332-335-336-361-370-412 | Acute Tox. 4 Inhalation, Aquatic Chronic 3, Asp. Tox. 1, Eye Irrit. 2, Flam. Liq. 2, Repr. 2, Skin Irrit. 2, STOT SE 1, STOT SE 3 NE, STOT SE 3 RTI |
| PARA-XYLENE | 203-396-5 | 106-42-3 | 1.0 - <2.5 | H304-312-315-332-335-371 | Acute Tox. 4 Dermal, Acute Tox. 4 Inhalation, Asp. Tox. 1, Skin Irrit. 2, STOT SE 2, STOT SE 3 RTI |
| AROMATIC HYDROCARBON | 265-199-0 | 64742-95-6 | 1.0 - <2.5 | H226-304-315-319-331-335-336-351-411 | Acute Tox. 3 Inhalation, Aquatic Chronic 2, Asp. Tox. 1, Carc. 2, Eye Irrit. 2, Flam. Liq. 3, Skin Irrit. 2, STOT SE 3 NE, STOT SE 3 RTI |
| ETHYL BENZENE | 202-849-4 | 100-41-4 | 1.0 - <2.5 | H225-304-315-319-332-351-373-412 | Acute Tox. 4 Inhalation, Aquatic Chronic 3, Asp. Tox. 1, Carc. 2, Eye Irrit. 2, Flam. Liq. 2, Skin Irrit. 2, STOT RE 2 |
| MODIFIED UREA-FORMALDEHYDE RESIN | | PROPRIETARY | 1.0 - <2.5 | H413 | Aquatic Chronic 4 |
| ORTHO-XYLENE | 202-422-2 | 95-47-6 | 1.0 - <2.5 | H312-315-332 | Acute Tox. 4 Dermal, Acute Tox. 4 Inhalation, Skin Irrit. 2 |
| N-BUTANOL | 200-751-6 | 71-36-3 | 1.0 - <2.5 | H226-302-315-318-335-336 | Acute Tox. 4 Oral, Eye Dam. 1, Flam. Liq. 3, Skin Irrit. 2, STOT SE 3 NE, STOT SE 3 RTI |

| <u>CAS-No.</u> | <u>M-Factors</u> |
|----------------|------------------|
| 14808-60-7 | 0 |
| 100-51-6 | 0 |
| 2855-13-2 | 0 |
| 108-38-3 | 0 |
| 67-63-0 | 0 |
| 108-88-3 | 0 |
| 106-42-3 | 0 |
| 64742-95-6 | 0 |
| 100-41-4 | 0 |
| PROPRIETARY | 0 |
| 95-47-6 | 0 |
| 71-36-3 | 0 |

Additional Information: The text for GHS Hazard Statements shown above (if any) is given in Section 16.

4. First-aid Measures

4.1 Description of First Aid Measures

AFTER INHALATION: Give oxygen or artificial respiration if needed. Remove person to fresh air. If signs/symptoms continue, get medical attention.

AFTER SKIN CONTACT: In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. If skin irritation persists, call a physician.

AFTER EYE CONTACT: Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

AFTER INGESTION: Do NOT induce vomiting. Never give anything by mouth to an unconscious person. If swallowed, call a poison control centre or doctor immediately.

4.2 Most important symptoms and effects, both acute and delayed

Harmful if swallowed. Irritating to eyes and skin. Risk of serious damage to the lungs (by aspiration). Vapours may cause drowsiness and dizziness.

4.3 Indication of any immediate medical attention and special treatment needed

No information available on clinical testing and medical monitoring. Specific toxicological information on substances, if available, can be found in section 11.

When symptoms persist or in all cases of doubt seek medical advice.

5. Fire-fighting Measures

5.1 Extinguishing Media:

Carbon Dioxide, Dry Chemical, Foam, Water Fog

UNUSUAL FIRE AND EXPLOSION HAZARDS: Flammable liquid. Vapours are heavier than air and may spread along floors. Vapours may form explosive mixtures with air. Vapors may travel to areas away from work site before igniting/flashing back to vapor source. Provide adequate ventilation. Prevent the creation of flammable or explosive concentrations of vapour in air and avoid vapour concentration higher than the occupational exposure limits. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Electrical installations / working materials must comply with the technological safety standards. Wear shoes with conductive soles.

FOR SAFETY REASONS NOT TO BE USED: Do not use a solid water stream as it may scatter and spread fire.

5.2 Special hazards arising from the substance or mixture

No Information

5.3 Advice for firefighters

SPECIAL FIREFIGHTING PROCEDURES: In the event of fire, wear self-contained breathing apparatus. Cool containers / tanks with water spray. Flammable.

SPECIAL FIREFIGHTING PROTECTION EQUIPMENT: No Information

6. Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation. Evacuate personnel to safe areas. Remove all sources of ignition. To avoid ignition of vapours by static electricity discharge, all metal parts of the equipment must be grounded. Wear personal protective equipment. For personal protection see section 8.

6.2 Environmental precautions

Do not allow material to contaminate ground water system. Prevent product from entering drains.

6.3 Methods and material for containment and cleaning up

Prevent further leakage or spillage if safe to do so. Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).

6.4 Reference to other sections

No Information

7. Handling and Storage

7.1 Precautions for safe handling

INSTRUCTIONS FOR SAFE HANDLING : Keep containers dry and tightly closed to avoid moisture absorption and contamination. Prepare the working solution as given on the label(s) and/or the user instructions. Do not breathe vapours or spray mist. Ensure all equipment is electrically grounded before beginning transfer operations. Do not use sparking tools. Do not get in eyes, on skin, or on clothing. Use only with adequate ventilation/personal protection. Wash thoroughly after handling.

PROTECTION AND HYGIENE MEASURES : Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday. When using, do not eat, drink or smoke.

7.2 Conditions for safe storage, including any incompatibilities

CONDITIONS TO AVOID: Heat, flames and sparks.

STORAGE CONDITIONS: Keep container closed when not in use. Store in a dry, well ventilated place away from sources of heat, ignition and direct sunlight.

7.3 Specific end use(s)

The mixing and application to be in accordance with the technical data sheets.

8. Exposure Controls/Personal Protection

8.1 Control parameters

Ingredients with Occupational Exposure Limits (US)

| Name | CAS-No. | ACGIH TWA | ACGIH STEL | ACGIH Ceiling |
|-------------------------|------------|------------|------------|---------------|
| MICROCRYSTALLINE SILICA | 14808-60-7 | 0.025 MGM3 | N/E | N/E |
| BENZYL ALCOHOL | 100-51-6 | N/E | N/E | N/E |
| ISOPHORONEDIAMINE | 2855-13-2 | N/E | N/E | N/E |
| META-XYLENE | 108-38-3 | 100 PPM | 150 PPM | N/E |
| ISOPROPANOL | 67-63-0 | 200 PPM | 400 PPM | N/E |
| TOLUENE | 108-88-3 | 20 PPM | N/E | N/E |
| PARA-XYLENE | 106-42-3 | 100 PPM | 150 PPM | N/E |
| AROMATIC HYDROCARBON | 64742-95-6 | 300.0 PPM | N/E | N/E |
| ETHYL BENZENE | 100-41-4 | 20 PPM | 125 ppm | |

| | | | | |
|----------------------------------|-------------|---------|---------|-----|
| MODIFIED UREA-FORMALDEHYDE RESIN | PROPRIETARY | N/E | N/E | N/E |
| ORTHO-XYLENE | 95-47-6 | 100 PPM | 150 PPM | N/E |
| N-BUTANOL | 71-36-3 | 20 PPM | N/E | N/E |

| <u>Name</u> | <u>CAS-No.</u> | <u>OSHA PEL</u> | <u>OSHA STEL</u> |
|----------------------------------|----------------|-------------------|--------------------|
| MICROCRYSTALLINE SILICA | 14808-60-7 | 0.05 MGM3 | N/E |
| BENZYL ALCOHOL | 100-51-6 | N/E | N/E |
| ISOPHORONEDIAMINE | 2855-13-2 | N/E | N/E |
| META-XYLENE | 108-38-3 | 100.00 PPM | N/E |
| ISOPROPANOL | 67-63-0 | 980 MGM3, 400 PPM | 1225 MGM3, 500 PPM |
| TOLUENE | 108-88-3 | 200 ppm | 560 MGM3, 150 PPM |
| PARA-XYLENE | 106-42-3 | 100.00 PPM | N/E |
| AROMATIC HYDROCARBON | 64742-95-6 | 500.0 PPM | N/E |
| ETHYL BENZENE | 100-41-4 | 435 MGM3, 100 PPM | 545 MGM3, 125 PPM |
| MODIFIED UREA-FORMALDEHYDE RESIN | PROPRIETARY | N/E | N/E |
| ORTHO-XYLENE | 95-47-6 | 100.00 PPM | N/E |
| N-BUTANOL | 71-36-3 | 300.0 MG/M3 | N/E |

FURTHER ADVICE: Refer to the regulatory exposure limits for the workforce enforced in each country. Some components may not have been classified under the EU CLP Regulation.

8.2 Exposure controls

Personal Protection

RESPIRATORY PROTECTION: In order to avoid inhalation of spray-mist and sanding dust, all spraying and sanding must be done wearing adequate respirator. Use only with ventilation to keep levels below exposure guidelines reported in this document. User should test and monitor exposure levels to ensure all personnel are below guidelines. If not sure, or not able to monitor, use State or federally approved supplied air respirator. For silica containing coatings in a liquid state, and/or if no exposure limits are established above, air-supplied respirators are generally not required.

EYE PROTECTION: Safety glasses with side-shields.

HAND PROTECTION: Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough. Impervious gloves. Request information on glove permeation properties from the glove supplier. Lightweight protective clothing

OTHER PROTECTIVE EQUIPMENT: Ensure that eyewash stations and safety showers are close to the workstation location.

ENGINEERING CONTROLS: Avoid contact with skin, eyes and clothing. Ensure adequate ventilation, especially in confined areas.

9. Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

| | |
|---|------------------------------|
| Appearance: | Viscous, Brown Liquid |
| Physical State | Liquid |
| Odor | Solvent |
| Odor threshold | N/D |
| pH | N/D |
| Melting point / freezing point (°C) | N/D |
| Boiling point/range (°C) | 176 F (80 C) - 554 F (290 C) |
| Flash Point (°C) | 41F (5C) |
| Evaporation rate | Slower Than Ether |
| Flammability (solid, gas) | Not determined |
| Upper/lower flammability or explosive limits | 0.9 - 13.0 |
| Vapour Pressure, mmHg | N/D |
| Vapour density | Heavier than Air |
| Relative density | Not determined |
| Solubility in / Miscibility with water | N/D |
| Partition coefficient: n-octanol/water | Not determined |
| Auto-ignition temperature (°C) | Not determined |
| Decomposition temperature (°C) | Not determined |
| Viscosity | Unknown |
| Explosive properties | Not determined |
| Oxidising properties | Not determined |

9.2 Other information

| | |
|--|------|
| VOC Content g/l: | 237 |
| Specific Gravity (g/cm³) | 1.59 |

10. Stability and Reactivity

10.1 Reactivity

No reactivity hazards known under normal storage and use conditions.

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

Hazardous polymerisation does not occur.

10.4 Conditions to avoid

Heat, flames and sparks.

10.5 Incompatible materials

Strong oxidizing agents.

10.6 Hazardous decomposition products

Carbon dioxide (CO₂), carbon monoxide (CO), oxides of nitrogen (NO_x), dense black smoke.

11. Toxicological Information

11.1 Information on toxicological effects

Acute Toxicity:

Oral LD50: N/D

Inhalation LC50: N/D

Irritation: Skin Irritation, category 2

Corrosivity: Eye Damage, category 1

Sensitization: Skin Sensitizer, category 1

Repeated dose toxicity: Unknown

Carcinogenicity: Carcinogenicity, category 1A

Mutagenicity: Unknown

Toxicity for reproduction: Unknown

STOT-single exposure: Unknown

STOT-repeated exposure: STOT, Repeated Exposure, category 1

Aspiration hazard: Unknown

If no information is available above under Acute Toxicity then the acute effects of this product have not been tested. Data on individual components are tabulated below:

| <u>CAS-No.</u> | <u>Chemical Name</u> | <u>Oral LD50</u> | <u>Dermal LD50</u> | <u>Vapor LC50</u> | <u>Gas LC50</u> | <u>Dust/Mist LC50</u> |
|----------------|-------------------------|-------------------------|--------------------------------|---------------------------------------|-----------------|-----------------------|
| 14808-60-7 | MICROCRYSTALLINE SILICA | 22500 mg/kg | No Information | No Information | No Information | No Information |
| 100-51-6 | BENZYL ALCOHOL | 1230 mg/kg rat, oral | 2000 mg/kg, dermal, rabbit | 4176 mg/l / 4h, Inh, Rat | No Information | No Information |
| 2855-13-2 | ISOPHORONEDIAMINE | 500 mg/kg oral | No Information | No Information | No Information | No Information |
| 108-38-3 | META-XYLENE | No Information | No Information | No Information | No Information | No Information |
| 67-63-0 | ISOPROPANOL | 4720 mg/kg rat, oral | 12800 mg/kg, dermal, rabbit | 22500 ppm/8hrs rat, inhalation | 0.000 | 0.000 |
| 108-88-3 | TOLUENE | 5000 mg/kg rat oral | 12267 mg/kg, dermal, rabbit | 8000 ppm/4 hrs, rat, inhalation | No Information | No Information |
| 106-42-3 | PARA-XYLENE | No Information | No Information | No Information | No Information | No Information |
| 64742-95-6 | AROMATIC HYDROCARBON | 2001 mg/kg, rat | 2001 mg/kg, rabbit | 9 mg/l, rat, 4hr | 0.000 | 0.000 |
| 100-41-4 | ETHYL BENZENE | 3500 mg/kg rat, oral | >5000 mg/l, dermal rabbit | 17.2 mg/L Inh, Rat, 4Hr | No Information | No Information |

| | | | | | |
|---|--------------------------|-------------------------------|---------------------------------------|-------------------|-------------------|
| PROPRIETARMODIFIED UREA- Y FORMALDEHYDE RESIN | 5000 mg/kg, oral, rat | | Not Available | 0.000 | 0.000 |
| 95-47-6 ORTHO-XYLENE | No Information | No Information | No Information | No Information | No Information |
| 71-36-3 N-BUTANOL | 790 mg/kg rat, oral | 3400 mg/kg, dermal, rabbit | 8000 ppm / 4hrs rat, inhalation | 0.000 | 0.000 |

Additional Information:

This product may contain Ethyl Benzene, which is listed by IARC as possibly carcinogenic to humans (Group 2B). This listing is based on inadequate evidence of carcinogenicity in humans and sufficient evidence in experimental animals. Constituents of this product may include crystalline silica which, if inhalable, may cause silicosis, a form or progressive pulmonary fibrosis. Inhalable crystalline silica is listed by IARC as a group 1 carcinogen (lung) based on sufficient evidence in occupationally exposed humans and sufficient evidence in animals. Crystalline silica is also listed by the NTP as a known human carcinogen. This classification is relevant when exposed to Quartz (silicon dioxide) in dust or powder form only, including cured product that is subject to sanding, grinding, cutting, or other surface preparation activities. Constituents may also include abestiform or non-asbestiform tremolite or other silicates as impurities, and above dei minimus exposure to these impurities in inhalable form may be carcinogenic or cause other serious lung problems.

12. Ecological Information

12.1 Toxicity:

EC50 48hr (Daphnia): Unknown

IC50 72hr (Algae): Unknown

LC50 96hr (fish): Unknown

12.2 Persistence and degradability:

Unknown

12.3 Bioaccumulative potential:

Unknown

12.4 Mobility in soil:

Unknown

12.5 Results of PBT and vPvB assessment:

The product does not meet the criteria for PBT/VPvB in accordance with Annex XIII.

12.6 Other adverse effects:

Unknown

| <u>CAS-No.</u> | <u>Chemical Name</u> | <u>EC50 48hr</u> | <u>IC50 72hr</u> | <u>LC50 96hr</u> |
|-----------------|----------------------------------|----------------------------|--------------------------------------|--------------------------------|
| 14808-60-7 | MICROCRYSTALLINE SILICA | No information | No information | No information |
| 100-51-6 | BENZYL ALCOHOL | 230 mg/l (Daphnia) | 700 mg/l (Algae) | 10 mg/l (Fish) |
| 2855-13-2 | ISOPHORONEDIAMINE | No information | No information | No information |
| 108-38-3 | META-XYLENE | No information | No information | No information |
| 67-63-0 | ISOPROPANOL | 13299 mg/l (Daphnia Magna) | >1000 m/gL (desmodesmus subspicatus) | 9640 mg/L (pimphales promelas) |
| 108-88-3 | TOLUENE | 6 mg/l (Daphnia magna) | 12.5 mg/L (Algae) | 5.8 mg/L (Fish) |
| 106-42-3 | PARA-XYLENE | No information | No information | No information |
| 64742-95-6 | AROMATIC HYDROCARBON | No information | No information | No information |
| 100-41-4 | ETHYL BENZENE | 1.8 mg/l (Daphnia Magna) | 4.6 mg/l (Green Algae) | 4.2 mg/l (Rainbow Trout) |
| PROPRIETAR Y | MODIFIED UREA-FORMALDEHYDE RESIN | No information | No information | No information |
| 95-47-6 | ORTHO-XYLENE | No information | No information | No information |

71-36-3 N-BUTANOL

1328 mg/l (Daphnia magna)

225 mg/l (Algae)

1376 mg/l (Fathead minnow)

13. Disposal Considerations

13.1 WASTE TREATMENT METHODS: Do not burn, or use a cutting torch on, the empty drum. If recycling is not practicable, dispose of in compliance with local regulations. Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. Transport Information

| | |
|---|----------|
| 14.1 UN number | UN 1263 |
| 14.2 UN proper shipping name | Paint |
| Technical name | N/A |
| 14.3 Transport hazard class(es) | 3 |
| Subsidiary shipping hazard | N/A |
| 14.4 Packing group | II |
| 14.5 Environmental hazards | Unknown |
| 14.6 Special precautions for user | Unknown |
| EmS-No.: | F-E, S-E |
| 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code | Unknown |

15. Regulatory Information

15.1 Safety, health and environmental regulations/legislation for the substance or mixture:

U.S. Federal Regulations: As follows -

CERCLA - Sara Hazard Category

This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

Flammable (gases, aerosols, liquids, or solids), Carcinogenicity, Acute Toxicity (any route of exposure), Skin Corrosion or Irritation, Respiratory or Skin Sensitization, Serious eye damage or eye irritation, Specific target organ toxicity (single or repeated exposure)

Sara Section 313:

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR part 372:

| <u>Chemical Name</u> | <u>CAS-No.</u> | <u>%</u> |
|------------------------|----------------|----------|
| META-XYLENE | 108-38-3 | 4.73 |
| TOLUENE | 108-88-3 | 2.64 |
| PARA-XYLENE | 106-42-3 | 2.06 |
| ORTHO-XYLENE | 95-47-6 | 1.49 |
| N-BUTANOL | 71-36-3 | 1.01 |
| FORMALDEHYDE | 50-00-0 | 0.03 |
| 1,2,4 TRIMETHYLBENZENE | 95-63-6 | 0.02 |
| BENZENE | 71-43-2 | 0 |

Toxic Substances Control Act:

All components of this product are either listed on the TSCA Inventory or are exempt.

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(B) if exported from the United States:

No TSCA 12(b) components exist in this product.

U.S. State Regulations: As follows -**New Jersey Right-to-Know:**

The following materials are non-hazardous, but are among the top five components in this product.

| <u>Chemical Name</u> | <u>CAS-No.</u> |
|----------------------|----------------|
| AMINE ADDUCT | CONFIDENTIAL |

Pennsylvania Right-To-Know

The following non-hazardous ingredients are present in the product at greater than 3%.

| <u>Chemical Name</u> | <u>CAS-No.</u> |
|----------------------|----------------|
| AMINE ADDUCT | CONFIDENTIAL |

CALIFORNIA PROPOSITION 65

WARNING: Cancer and Reproductive Harm -- www.P65Warnings.ca.gov

International Regulations: As follows -*** Canadian DSL:**

All chemical ingredients included on inventory (DSL)

15.2 Chemical Safety Assessment:

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

16. Other Information**Text for GHS Hazard Statements shown in Section 3 describing each ingredient:**

| | |
|------|--|
| H225 | Highly flammable liquid and vapour. |
| H226 | Flammable liquid and vapour. |
| H302 | Harmful if swallowed. |
| H304 | May be fatal if swallowed and enters airways. |
| H312 | Harmful in contact with skin. |
| H314 | Causes severe skin burns and eye damage. |
| H315 | Causes skin irritation. |
| H317 | May cause an allergic skin reaction. |
| H318 | Causes serious eye damage. |
| H319 | Causes serious eye irritation. |
| H331 | Toxic if inhaled. |
| H332 | Harmful if inhaled. |
| H335 | May cause respiratory irritation. |
| H336 | May cause drowsiness or dizziness. |
| H350 | May cause cancer. |
| H351 | Suspected of causing cancer. |
| H361 | Suspected of damaging fertility or the unborn child. |

| | |
|------|--|
| H370 | Causes damage to organs. |
| H371 | May cause damage to organs. |
| H372 | Causes damage to organs through prolonged or repeated exposure. |
| H373 | May cause damage to organs through prolonged or repeated exposure. |
| H411 | Toxic to aquatic life with long lasting effects. |
| H412 | Harmful to aquatic life with long lasting effects. |
| H413 | May cause long lasting harmful effects to aquatic life. |

Reasons for revision

No Information

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