



## Safety Data Sheet

prepared to UN GHS Revision 3

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

|     |   |   |                  |            |
|-----|---|---|------------------|------------|
| 1.1 | Product Identifier  | 105 BLUE  | Revision Date:   | 30/10/2023 |
|     | Product Name:   | Epoxy Brush Cleaner   | Supersedes Date: | 23/05/2018 |
| 1.2 | Relevant identified uses of the substance or mixture and uses advised against | Thinner for industrial coatings - Industrial use. Advised against: others than recommended  |                  |            |
| 1.3 | Details of the supplier of the safety data sheet                              |   |                  |            |
|     | Importer:   | Importer  |                  |            |
|     | Manufacturer:   | StonCor Africa (Pty.) Ltd.<br>8 Cresset Road<br>Midrand Industrial Park, Chloorkop<br>P.O. Box 2205<br>2001, Johannesburg<br>South Africa |                  |            |
|     |   | Regulatory / Technical Information:<br>+27 11 254 5500  |                  |            |
|     | Datasheet Produced by:  | Maritz, Rory - ehs@stoncor.com  |                  |            |
| 1.4 | Emergency telephone number:   | CHEMTREC 1-800-424-9300 (Inside US)<br>CHEMTREC +1 703 5273887 (Outside US)<br><br>Giftinformasjonen: +47 22 59 13 00                     |                  |            |

### 2. Hazard Identification

#### 2.1 Classification of the substance or mixture

Acute Toxicity, Inhalation, category 4  
Serious Eye Damage, category 1  
Flammable Liquid, category 3  
STOT, single exposure, category 3, NE  
Skin Irritation, category 2

## 2.2 Label elements

### Symbol(s) of Product



### Signal Word

Danger

### Named Chemicals on Label

Butanone, Ethylbenzene, 1-methoxypropan-2-ol, Xylene, nonylphenol ethoxylates

### HAZARD STATEMENTS

|  |      |                                    |
|--|------|------------------------------------|
| Flammable Liquid, category 3           | H226 | Flammable liquid and vapour.       |
| Skin Irritation, category 2            | H315 | Causes skin irritation.            |
| Serious Eye Damage, category 1         | H318 | Causes serious eye damage.         |
| Acute Toxicity, Inhalation, category 4 | H332 | Harmful if inhaled.                |
| STOT, single exposure, category 3, NE  | H336 | May cause drowsiness or dizziness. |

### PRECAUTION PHRASES

|              |   |
|--------------|---|
| P210         | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.                                      |
| P261         | Avoid breathing dust/fume/gas/mist/vapours/spray.   |
| P280         | Wear protective gloves/protective clothing/eye protection/face protection.  |
| P301+310     | IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.   |
| 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. |
| P332+313     | If skin irritation occurs: Get medical advice/attention.  |
| P337+313     | If eye irritation persists: Get medical advice/attention.   |
| P403+233     | Store in a well-ventilated place. Keep container tightly closed.  |

## 2.3 Other hazards

Vapours may form explosive mixtures with air. Solvent vapours are heavier than air and may spread along floors and ignite.

### 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> |  |
|------------------------------|------------------|----------------|----------|------------------------|--|
| Xylene                       | 215-535-7        | 1330-20-7      | 50 - <75 | H226-315-332           | Acute Tox. 4 Inhalation, Flam. Liq. 3, Skin Irrit. 2 |
| 1-methoxypropan-2-ol         | 203-539-1        | 107-98-2       | 10 - <25 | H226-336               | Flam. Liq. 3, STOT SE 3 NE                           |

|                         |           |             |           |                              |  |
|-------------------------|-----------|-------------|-----------|------------------------------|--|
| nonylphenol ethoxylates | 500-315-8 | 127087-87-0 | 10 - <25  | H318                         | Eye Dam. 1   |
| Butanone                | 201-159-0 | 78-93-3     | 10 - <25  | H225-319-336                 | Eye Irrit. 2, Flam. Liq. 2, STOT SE 3 NE   |
| Ethylbenzene            | 202-849-4 | 100-41-4    | 2.5 - <10 | H225-304-315-319-3<br>32-373 | Acute Tox. 4 Inhalation, Asp. Tox. 1, Eye Irrit. 2, Flam. Liq. 2, Skin Irrit. 2, STOT RE 2 |

**CAS-No.****M-Factors**

1330-20-7  
107-98-2  
127087-87-0  
78-93-3  
100-41-4

**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

**GENERAL NOTES:** When symptoms persist or in all cases of doubt seek medical advice. Show this safety data sheet to the doctor in attendance.

**AFTER INHALATION:** Move to fresh air. Consult a physician after significant exposure. Provide fresh air, rest and warmth. Call a physician immediately. Give oxygen or artificial respiration if needed. When risk of unconsciousness, place and transport the victim in secured recovery position.

**AFTER SKIN CONTACT:** Use a mild soap if available. Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. If skin irritation persists, call a physician. Do not use solvent or thinners to clean skin.

**AFTER EYE CONTACT:** Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses. If eye irritation persists, consult a specialist.

**AFTER INGESTION:** Gently wipe or rinse the inside of the mouth with water. Give small amounts of water to drink. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. If vomiting occurs spontaneously: Keep head below hips to prevent aspiration of stomach vomit into lungs. Provide fresh air, rest and warmth. Do not induce vomiting. Get immediate medical attention. Never give anything by mouth to an unconscious person.

### Self protection of the first aider:

No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

### 4.2 Most important symptoms and effects, both acute and delayed

Harmful by inhalation. Irritating to skin. Danger of serious damage to health by prolonged exposure. Harmful by inhalation and in contact with skin. Irritating to eyes and skin. Irritating to eyes, respiratory system 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

Treat symptomatically. 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

**FOR SAFETY REASONS NOT TO BE USED:** Alcohol, Alcohol based solutions, any other media not listed above. Do not use a solid water stream as it may scatter and spread fire.

### 5.2 Special hazards arising from the substance or mixture

Heating or fire conditions liberates toxic gas. Flash back possible over considerable distance. As the product contains combustible organic components, fire will produce dense black smoke containing hazardous products of combustion (see section 10). May explode in fire. Vapours may form explosive mixtures with air. Solvent vapours are heavier than air and may

spread along floors and ignite.

### 5.3 Advice for firefighters

Flash back possible over considerable distance. In the event of fire, wear self-contained breathing apparatus. Do not use a solid water stream as it may scatter and spread fire. Hazardous decomposition products formed under fire conditions. Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide. Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Keep containers and surroundings cool with water spray.

## 6. Accidental Release Measures

### 6.1 Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation. Use personal protective equipment. Remove all sources of ignition.

### 6.2 Environmental precautions

Do not allow material to contaminate ground water system. Prevent product from entering drains. Local authorities should be advised if significant spillages cannot be contained. Inform the responsible authorities in case of gas leakage, or of entry into waterways, soil or 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). After cleaning, flush away traces with water.

### 6.4 Reference to other sections

Please refer to disposal requirements or country specific disposal requirements for this material. See Section 8 and 13 for further 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. Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapours). Vapours may form explosive mixtures with air. Prevent the creation of flammable or explosive concentrations of vapour in air and avoid vapour concentration higher than the occupational exposure limits. Electrical equipment should be protected to the appropriate standard. Preparation may charge electrostatically: always use earthing leads when transferring from one container to another. Use only in area provided with appropriate exhaust ventilation. Provide sufficient air exchange and/or exhaust in work rooms. To avoid ignition of vapours by static electricity discharge, all metal parts of the equipment must be grounded. Wear personal protective equipment. Do not breathe vapours or spray mist. Use only explosion-proof equipment. Keep away from sources of ignition - No smoking.

**PROTECTION AND HYGIENE MEASURES:** 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:** Direct sources of heat. Avoid moisture. Avoid heat, sparks, flames and other ignition sources.

**STORAGE CONDITIONS:** Store in original container. Keep locked up or in an area accessible only to qualified or authorised persons. Store in a dry, well ventilated place away from sources of heat, ignition and direct sunlight. Store away from: oxidising materials, acids, and alkalis. Keep away from heat and flame. Keep away from combustible materials. Store in upright position only. Storage of flammable liquids.

### 7.3 Specific end use(s)

No specific advice for end use available.

## 8. Exposure Controls/Personal Protection

### 8.1 Control parameters

#### Ingredients with Occupational Exposure Limits (EU)

| <u>Name</u>             | <u>CAS-No.</u> | <u>LTEL ppm</u> | <u>STEL ppm</u> | <u>STEL mg/m3</u> | <u>LTEL mg/m3</u> |
|-------------------------|----------------|-----------------|-----------------|-------------------|-------------------|
| Xylene                  | 1330-20-7      | 50              | 100             | 442               | 221               |
| 1-methoxypropan-2-ol    | 107-98-2       | 100             | 150             | 568               | 375               |
| nonylphenol ethoxylates | 127087-87-0    |                 |                 |                   |                   |
| Butanone                | 78-93-3        | 200             | 300             | 900               | 600               |
| Ethylbenzene            | 100-41-4       | 100             | 200             | 884               | 442               |

| <u>Name</u>             | <u>CAS-No.</u> | <u>OEL Note</u> |
|-------------------------|----------------|-----------------|
| Xylene                  | 1330-20-7      | SK              |
| 1-methoxypropan-2-ol    | 107-98-2       | SKIN            |
| nonylphenol ethoxylates | 127087-87-0    |                 |
| Butanone                | 78-93-3        |                 |
| Ethylbenzene            | 100-41-4       | SKIN            |

**FURTHER INFORMATION:** Refer to the regulatory exposure limits for the workforce enforced in each country.

### 8.2 Exposure controls

#### Personal Protection

**RESPIRATORY PROTECTION:** Respirator with a vapor filter. Use compressed air or fresh air breathing apparatus in closed compartments. When working in confined or poorly ventilated spaces, a battery powered assisted air-fed mask must be used. Respirator with a vapour filter: gas filter type A2 (organic substances).

**EYE PROTECTION:** Do not wear contact lenses. Tightly fitting safety goggles. If splashes are likely to occur, wear: Face-shield, tightly fitting safety goggles (EN 166).

**HAND PROTECTION:** Impervious gloves. Take note of the information given by the producer concerning permeability and break through times, and of special workplace conditions (mechanical strain, duration of contact). Be aware that in daily use the durability of a chemical resistant protective glove can be notably shorter than the break through time measured according to EN 374, due to the numerous outside influences (e.g. temperature). Long sleeved clothing. Remove and wash contaminated clothing before re-use. Use chemical resistant gloves and lotions and barrier creams to prevent drying of the skin. Protective gloves complying with EN 374: Nitrile rubber. Viton®. Protective gloves complying with EN 374: Nitrile rubber. Butyl rubber. Viton®. Use chemical resistant gloves (EN 374): Butyl rubber. Use chemical resistant gloves (EN 374): Butyl rubber. Viton®.

**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. Ensure adequate ventilation, especially in confined areas.

## 9. Physical and Chemical Properties

### 9.1 Information on basic physical and chemical properties

|                       |                     |
|-----------------------|---------------------|
| <b>Appearance:</b>    | Clear Liquid - Blue |
| <b>Physical State</b> | Liquid              |
| <b>Odor</b>           | Aromatic            |

|  |                    |
|--|--------------------|
| Odor threshold                               | Not determined     |
| pH   | Not determined     |
| Melting point / freezing point (°C)          | Not determined     |
| Boiling point/range (°C)                     | 110 - 200          |
| Flash Point, (°C)                            | 28                 |
| Evaporation rate                             | Not determined     |
| Flammability (solid, gas)                    | Not determined     |
| Upper/lower flammability or explosive limits | 1.4 - 13.7         |
| Vapour Pressure                              | Not determined     |
| Vapour density                               | Not determined     |
| Relative density                             | 0.86 - 0.90        |
| Solubility in / Miscibility with water       | Partially Miscible |
| Partition coefficient: n-octanol/water       | Not determined     |
| Auto-ignition temperature (°C)               | Typically 500 C    |
| Decomposition temperature (°C)               | Not determined     |
| Viscosity                                    | Not determined     |
| Explosive properties                         | Not determined     |
| Oxidising properties                         | Not Applicable     |

## 9.2 Other information

|  |       |
|--|-------|
| VOC Content g/l:   | 780   |
| Calculated grams of VOC per liter of coating product as applied. |       |
| Specific Gravity (g/cm3)   | 0.883 |

## 10. Stability and Reactivity

### 10.1 Reactivity

No reactivity hazards known under normal storage and use conditions. No reactivity hazards known under recommended storage and use conditions.

### 10.2 Chemical stability

Stable under recommended storage conditions. Risk of ignition. Stable under normal conditions.

### 10.3 Possibility of hazardous reactions

Hazardous polymerisation does not occur. No reactivity hazards known under recommended storage and use conditions. No reactivity hazards known under normal storage and use conditions.

### 10.4 Conditions to avoid

Direct sources of heat. Avoid moisture. Avoid heat, sparks, flames and other ignition sources.

### 10.5 Incompatible materials

Keep away from oxidising agents and strongly acid or alkaline materials. Strong oxidizing agents.

### 10.6 Hazardous decomposition products

Carbon dioxide (CO<sub>2</sub>), carbon monoxide (CO), oxides of nitrogen (NO<sub>x</sub>), dense black smoke. Carbon dioxide, carbon monoxide.

## 11. Toxicological Information

### 11.1 Information on toxicological effects

#### Acute Toxicity:

Oral LD50: No information

Inhalation LC50: No information

Irritation: No information available.

Corrosivity: No information available.

Sensitization: No information available.

Repeated dose toxicity: No information available.

Carcinogenicity: No information available.

Mutagenicity: No information available.

Toxicity for reproduction: No information available.

STOT-single exposure: No information available.

STOT-repeated exposure: No information available.

Aspiration hazard: No information available.

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> |
|----------------|----------------------|--------------------------|-------------------------|---|-----------------|-----------------------|
| 1330-20-7      | Xylene               | 3523 mg/kg, rat,<br>oral | 12126 mg/kg,<br>rabbitt | 5000 ppm/4 hrs<br>rat, inhalation       | 0.000           | 0.000                 |
| 107-98-2       | 1-methoxypropan-2-ol | 5180 mg/kg,<br>oral, rat |                         | 10000 ppm/4hrs<br>rat, inhalation       | 0.000           | 0.000                 |
| 78-93-3        | Butanone             | 2737 mg/kg rat,<br>oral  |                         | 5000 ppm / 1<br>hour rat,<br>inhalation | 0.000           | 0.000                 |
| 100-41-4       | Ethylbenzene         | 3500 mg/kg rat,<br>oral  | 5510 mg/kg,<br>rabbit   | 4000 ppm, rat,<br>4h                    | 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. Repeated and prolonged exposure to solvents may cause brain and nervous system damage. Chronic exposure has been associated with various neurotoxic effects including permanent brain damage. Chronic exposure causes drying effect on the skin and eczema. Inhalation of vapour or mist can cause headache, nausea, irritation of nose, throat, and lungs. Gas or vapour is harmful on prolonged exposure or in high concentrations. Irritant of eyes and mucous membranes. CNS depressant. Inhalation is the main hazard in industrial use. The solvent vapours can be harmful and cause headaches, nausea, and intoxication. Acts as a defatting agent on skin.

## 12. Ecological Information

- 12.1 Toxicity:**
- |                      |                |
|----------------------|----------------|
| EC50 48hr (Daphnia): | No information |
| IC50 72hr (Algae):   | No information |
| LC50 96hr (fish):    | No information |
- 12.2 Persistence and degradability:** No information
- 12.3 Bioaccumulative potential:** No information
- 12.4 Mobility in soil:** No information
- 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:** No information

| <u>CAS-No.</u> | <u>Chemical Name</u>    | <u>EC50 48hr</u> | <u>IC50 72hr</u> | <u>LC50 96hr</u>   |
|----------------|-------------------------|------------------|------------------|--------------------|
| 1330-20-7      | Xylene                  | 3.82 mg/l        | No information   | 24-30 mg/l, minnow |
| 107-98-2       | 1-methoxypropan-2-ol    | No information   | No information   |                    |
| 127087-87-0    | nonylphenol ethoxylates | No information   | No information   |                    |
| 78-93-3        | Butanone                | No information   | No information   |                    |
| 100-41-4       | Ethylbenzene            | 1.37 mg/l        | No information   | 32 mg/l (Bluegill) |

## 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. According to the European Waste Catalogue, Waste Codes are not product specific, but application specific. Empty containers should be taken to an approved waste handling site for recycling or disposal. Dispose of waste material at an approved (hazardous) waste treatment/disposal facility in accordance with applicable local state, and federal regulations. Do not dispose of waste with normal garbage, or to sewer systems. Rags/wiping cloths and the like, moistened with flammable liquids, must be soaked in water and discarded into designated fireproof buckets. Rags/wiping cloths and the like, moistened with flammable liquids, must be discarded into designated fireproof buckets.

## 14. Transport Information

- |  |                        |
|--|------------------------|
| <b>14.1 UN number</b>  | UN 1263                |
| <b>14.2 UN proper shipping name</b>  | Paint Related Material |
| <b>Technical name</b>  | Not applicable         |
| <b>14.3 Transport hazard class(es)</b>   | 3                      |
| <b>Subsidiary shipping hazard</b>  | Not applicable         |
| <b>14.4 Packing group</b>  | III                    |
| <b>14.5 Environmental hazards</b>  | Not applicable         |
| <b>14.6 Special precautions for user</b>   | Not applicable         |
| <b>EmS-No.:</b>  | Not applicable         |
| <b>14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code</b> | Not applicable         |

## 15. Regulatory Information



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

|   |               |
|---|---------------|
| <b>Denmark Product Registration Number:</b> | Not available |
| <b>Danish MAL Code:</b>                     | Not available |
| <b>Danish MAL Code - Mixture:</b>           | Not available |
| <b>Sweden Product Registration Number:</b>  | Not available |
| <b>Norway Product Registration Number:</b>  | Not available |
| <b>WGK Class:</b>                           | Not available |

**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.                                       |
| H304 | May be fatal if swallowed and enters airways.                      |
| H315 | Causes skin irritation.  |
| H318 | Causes serious eye damage.   |
| H319 | Causes serious eye irritation.                                     |
| H332 | Harmful if inhaled.  |
| H336 | May cause drowsiness or dizziness.                                 |
| H373 | May cause damage to organs through prolonged or repeated exposure. |

**Reasons for revision**

Composition Information Changed

Substance and/or Product Properties Changed in Section(s):

- 01 - Identification
- 09 - Physical and Chemical Properties
- 11 - Toxicological Information
- 14 - Transportation Information
- 15 - Regulatory Information

Revision Statement(s) Changed

This is a new Safety Data Sheet (SDS). This Safety Data Sheet (SDS) has been revised to meet updated national hazard communication standards which have adopted the provisions of the UN GHS system. There have been both formatting and content changes based on the GHS classification (if applicable), Please review each section of the SDS for specific changes. .

#### List of References:

This Safety Data Sheet was compiled with data and information from the following sources:

- The Ariel Regulatory Database provided by the 3E Corporation in Copenhagen, Denmark.
- Joint Research Centre in Ispra, Italy.
- Regulation (EC) 1272/2008 with subsequent amendments.
- Regulation (EC) 1272/2006 with subsequent amendments.
- Commission Regulation (EU) 2020/878
- EU Council Decision 2000/532/EC and its Annex entitled "List of Wastes"
- Safety Data Sheet from raw material supplier
- The classification declared in sec. 2.2 is based on the calculation methods set out in Annex I and Annex II of the CLP Reg. 1272/2008 on the composition of the formula.

#### Acronym & Abbreviation Key:

|                   |   |
|-------------------|---|
| CLP               | Classification, Labeling & Packaging Regulation   |
| EC                | European Commission   |
| EU                | European Union  |
| US                | United States   |
| CAS               | Chemical Abstract Service   |
| EINECS            | European Inventory of Existing Chemical Substances  |
| REACH             | Registration, Evaluation, Authorization of Chemicals Regulation   |
| GHS               | Globally Harmonized System of Classification and Labeling of Chemicals  |
| LTEL              | Long term exposure limit  |
| STEL              | Short term exposure limit   |
| OEL               | Occupational exposure limit   |
| ppm               | Parts per million   |
| mg/m <sup>3</sup> | Milligrams per cubic meter  |
| TLV               | Threshold Limit Value   |
| ACGIH             | American Conference of Governmental Industrial Hygienists   |
| OSHA              | Occupational Safety & Health Administration   |
| PEL               | Permissible Exposure Limits   |
| VOC               | Volatile organic compounds  |
| g/l               | Grams per liter   |
| mg/kg             | Milligrams per kilogram   |
| N/A               | Not applicable  |
| LD50              | Lethal dose at 50%  |
| LC50              | Lethal concentration at 50%   |
| EC50              | Half maximal effective concentration  |
| IC50              | Half maximal inhibitory concentration   |
| PBT               | Persistent bioaccumulative toxic chemical   |
| vPvB              | Very persistent and very bioaccumulative  |
| EEC               | European Economic Community   |
| ADR               | International Transport of Dangerous Goods by Road  |
| RID               | International Transport of Dangerous Goods by Rail  |
| UN                | United Nations  |
| IMDG              | International Maritime Dangerous Goods Code   |
| IATA              | International Air Transport Association   |
| MARPOL            | International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978 |
| IBC               | International Bulk Container  |
| RTI               | Respiratory Tract Irritation  |
| NE                | Narcotic Effects  |
| IMO               | International Maritime Organization   |

- Note P: The classification as a carcinogen or mutagen need not apply; the substance contains less than 0,1 % w/w benzene
- Note 10: The classification as a carcinogen by inhalation applies only to mixtures in powder form containing 1 % or more of titanium dioxide which is in the form of or incorporated in particles with aerodynamic diameter  $\leq 10 \mu\text{m}$ .

For further information, please contact: Technical Services Department

The information on this sheet corresponds to our present knowledge. It is not a specification and it does not guarantee specific properties. The information is intended to provide general guidance as to health and safety based upon our knowledge of the handling, storage, and use of the product. It is not applicable to unusual or non-standard uses of the product or where instructions and recommendations are not followed.