Safety Data Sheet INTERTUF 262 CINZA N-6,5 Bulk Sales Reference No.: SDS Revision Date: SDS Revision Number:

KHJ684 10/02/2015 A3

# XInternational.

| 1. Identification                               | on of the preparation and company  |
|---|--|
| 1.1. Product identifier                         |  |
| Product Identity                                | INTERTUF 262 CINZA N-6,5   |
| Bulk Sales Reference Number                     | KHJ684   |
| 1.2. Relevant identified uses of the substance  | e or mixture and uses advised against  |
| Intended Use                                    | See Technical Data Sheet.  |
| Application Method                              | See Technical Data Sheet.  |
| 1.3. Details of the supplier of the safety data | sheet  |
| Company Name                                    | International Paint Ltda<br><b>ARGENTINA:</b><br>Ruta Panamericana Km 37,5<br>Garin, Buenos Aires<br>PO Box: B1606DQE<br><b>AKZONOBEL CHILE:</b><br>Calle Limache 3363 Local 3, El Salto<br>Viña del Mar, Chile<br>C.P. 2520642 - Rut 76.048140-8<br><b>BRAZIL:</b><br>Avenida Paiva, 999 - Neves<br>Sao Goncalo, RJ<br>24426-148 Brazil |
| Emergency                                       |  |
| Suatrans Cotec                                  | 0800 7071 767 or 0800 7077 022 or 0800 172020 or<br>55*2*7500 (24 hr)  |
| International Paint                             | ARGENTINA:<br>+54 3327 44 7777<br>CHILE:<br>+56 32 267 1174<br>BRAZIL:   |
|   | +55 21 2199-7100   |
| Poison Control Center (Brazil)                  | 0800-0148110 or +55 11 3069-8800   |
| Medical Service (Argentina)                     | +54 3327 44 7144 or +54 3327 44 7282   |
| Firefighter/HSE (Argentina)                     | +54 3327 44 7123   |
| Customer Service                                | ARGENTINA:<br>+54 3327 44 7777 Fax: +54 3327 44 7738   |
|   | <b>CHILE:</b><br>+56 32 267 1174 Fax: +56 32 263 1496  |
|   | BRAZIL:<br>+55 21 2199-7100 Fax: +55 21 2199-7124  |
|   | rd identification of the product   |

2.1. Classification of the substance or mixture Flam. Liq. 3;H226 Skin Irrit. 2;H315 Eye Dam. 1;H318 Skin Sens. 1;H317 Aquatic Chronic 3;H412

2.2. Label elements

Using the Toxicity Data listed in section 11 & 12 the product is labelled as follows.



H226 Flammable liquid and vapour.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H412 Harmful to aquatic life with long lasting effects.

P210 Keep away from heat / sparks / open flames / hot surfaces - No smoking.

P260 Do not breathe mist / vapours / spray.

P261 Avoid breathing dust / fume / gas / mist / vapours / spray.

P262 Do not get in eyes, on skin, or on clothing.

P272 Contaminated work clothing should not be allowed out of the workplace.

P273 Avoid release to the environment.

P280 Wear protective gloves / eye protection / face protection.

P301+310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

P302+352 IF ON SKIN: Wash with soap and water.

P303+361+353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

P305+351+338 IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing.

P310 Immediately call a POISON CENTER or doctor / physician.

P331 Do NOT induce vomiting.

P333+313 If skin irritation or a rash occurs: Get medical advice/attention.

P362 Take off contaminated clothing and wash before reuse.

P363 Wash contaminated clothing before reuse.

P370 In case of fire: Use water spray, fog, or regular foam.

P403+233 Store in a well ventilated place. Keep container tightly closed.

P501 Dispose of contents / container in accordance with local / national regulations.

3. Composition/information on ingredients

This product contains the following substances that present a hazard within the meaning of the relevant State and Federal Hazardous Substances regulations.

| Ingredient/Chemical Designations                                       | Weight % |
|--|----------|
| Talc<br>CAS Number: 0014807-96-6                                       | 25 - 50  |
| Reaction of epichlorohydrin and bisphenol A<br>CAS Number: Proprietary | 10 - 25  |
| Distillates, petroleum<br>CAS Number: 0068410-16-2                     | 10 - 25  |
| Mica<br>CAS Number: 0012001-26-2                                       | 10 - 25  |
| Xylenes (o-, m-, p- isomers)<br>CAS Number: 0001330-20-7               | 1.0 - 10 |
| Polymer of epoxy resin and bisphenol A<br>CAS Number: 0025036-25-3     | 1.0 - 10 |
| Butanol<br>CAS Number: 0000071-36-3                                    | 1.0 - 10 |
| Titanium dioxide<br>CAS Number: 0013463-67-7                           | 1.0 - 10 |
| Petroleum naphtha<br>CAS Number: 0064742-95-6                          | 1.0 - 10 |
| 1,2,4-Trimethyl benzene<br>CAS Number: 0000095-63-6                    | 1.0 - 10 |
| Benzene, ethyl-  | 1.0 - 10 |

| CAS Number: 0000                       | 100-41-4  |  |  |  |
|--|---|--|--|--|
|  | 4 First sid massures  |  |  |  |
| 4.1. Description of first              | 4. First aid measures   |  |  |  |
| General                                | Remove contaminated clothing and shoes. Get medical attention immediately. Wash clothing before reuse. Thoroughly clean or destroy contaminated shoes.  |  |  |  |
| Inhalation                             | If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately.  |  |  |  |
| Eyes                                   | In case of contact, immediately flush eyes with plenty of water for at least 15 minutes Get medical attention immediately.  |  |  |  |
| Skin                                   | In case of contact, immediately flush skin with soap and plenty of water. Get medical attention immediately.  |  |  |  |
| Ingestion                              | If swallowed, immediately contact Poison Control Center at 1-800-854-6813. DO NOT<br>induce vomiting unless instructed to do so by medical personnel. Never give anything<br>by mouth to an unconscious person.   |  |  |  |
| 4.2. Most important syn                | nptoms and effects, both acute and delayed  |  |  |  |
| Overview                               | NOTICE: Reports have associated repeated and prolonged occupational<br>overexposure to solvents with permanent brain and nervous system damage.<br>Intentional misuse by deliberately concentrating and inhaling the contents may be<br>harmful or fatal. Avoid contact with eyes, skin and clothing.   |  |  |  |
| Inhalation                             | Harmful if inhaled. Causes nose and throat irritation. Vapors may affect the brain or nervous system causing dizziness, headache or nausea.   |  |  |  |
| Eyes                                   | Causes severe eye irritation. Avoid contact with eyes.  |  |  |  |
| Skin                                   | Causes skin irritation. May cause allergic skin reaction. May be harmful if absorbed through the skin.  |  |  |  |
| Ingestion                              | Harmful if swallowed. May cause abdominal pain, nausea, vomiting, diarrhea, or drowsiness.  |  |  |  |
| Chronic effects                        | Possible cancer hazard. Contains an ingredient which may cause cancer based on<br>animal data (See Section 2 and Section 15 for each ingredient). Risk of cancer<br>depends on duration and level of exposure.  |  |  |  |
|  | 5. Fire-fighting measures   |  |  |  |
| 5.1. Extinguishing medi                | a   |  |  |  |
| Appropriate<br>Extinguishing Methods   | Water in form of fog, Co2, foam or dry chemical dust.   |  |  |  |
| Inappropriate<br>Extinguishing Methods | Direct water spray into fire  |  |  |  |
| Specific Hazards                       | Can liberate toxic fumes or gases during the burning. For decomposition see section 10.   |  |  |  |
| •                                      | ising from the substance or mixture   |  |  |  |
| Special Methods                        | Evacuate the area and to fight the fire at a safe distance upwind. Use water in fog to cool containers near the fire. Keep runoff from entering sewer. Extinguishing water must be disposed according to local legislation.   |  |  |  |
| 5.3. Advice for fire-fight             | ers   |  |  |  |
| Firefighter Protection                 | In fire case, to use personal respiratory device and suits for protection.  |  |  |  |
|  | 6. Accidental release measures  |  |  |  |
|  | ns, protective equipment and emergency procedures   |  |  |  |
| Personal precautions                   | ELIMINATE ALL IGNITION SOURCES (no smoking, flares, sparks or flames in immediate area). Use only non-sparking equipment to handle spilled material and absorbent. Do not touch or walk through spilled material.   |  |  |  |
| Public Safety                          | Call Suatrans Cotec 0800 7071 767 or 0800 7077 022 or 0800 17 2020 or 55*2*7500 (24 hr) for emergency response. Isolate spill or leak area immediately for at least 25 to 50 meters in all directions. Keep unauthorized personnel away. Stay upwind. Keep out of low areas. Ventilate closed spaces before entering. LARGE SPILLS: Consider initial downwind evacuation for at least 300 meters. Stop leak if you can do so without risk. Prevent entry into waterways, sewers, basements or confined areas. A vapor suppressing foam may be used to reduce vapors. Absorb or cover with dry earth, sand, or other non-combustible material and transfer to containers. Use non-sparking tools to collect absorbed material. |  |  |  |
| 6.2. Environmental pred                | cautions  |  |  |  |
| Environmental<br>Precations            | Stop leak if you can do so without risk. Prevent entry into waterways, sewers, basements or confined areas. A vapor suppressing foam may be used to reduce vapors. Absorb or cover with dry earth, sand, or other non-combustible material and transfer to containers. Use non-sparking tools to collect absorbed material.   |  |  |  |

#### 6.3. Methods and material for containment and cleaning up

Clean Up Method Cover with sand or other non-cumbustible material. Transfer absorbed material with a non-sparking tool.

|  |      | 7. Handling and storage |
|--|------|-------------------------|
|  | <br> |                         |

7.1. Precautions for safe handling

Handle the packages with care in order to avoid damage and spillage.

Be aware of the precautions referred to on the label.

Avoid contact with the eyes and the skin. Avoid swallowing of vapor and the pulverizations. Be aware of the precautions referred to on the label. Use personal protection equipment according to the section 8. No smoking, drinking or eating in the application areas.

All the ignition sources (hot surfaces, sparks, unprotected flames, etc.) must be excluded from the areas of manufacturing and application. The storage areas, the preparation and the application must be well ventilated. The product can be carried electrostatically. Always use grounding cables when transferring solvents or product. The operators must use adequate outfits which shall not develop static current. (at least 60% of natural fiber) and anti-static shoes.

Solvents based products: The solvent vapors are heavier than the air and can concentrate on the floor and explosive mixtures may be formed with the air .

Water based products: It does not require special cares for not being inflammable or explosive. Use only the indicated personal protection equipments.

7.2. Conditions for safe storage, including any incompatibilities Store between 40-100F (4-38C).

| 8. Exposure controls and personal protection |                                |        |   |  |  |  |  |
|--|--------------------------------|--------|---|--|--|--|--|
| 8.1. Control parameters                      |                                |        |   |  |  |  |  |
|  | Exposure                       |        |   |  |  |  |  |
| CAS No.                                      | AS No. Ingredient Source Value |        |   |  |  |  |  |
| 0000071-36-3                                 | Butanol                        | ACGIH  | 20 ppm TWA  |  |  |  |  |
|  |                                | Brazil | 40 ppm TWA LT; 115 mg/m3 TWA LT                               |  |  |  |  |
| 0000095-63-6                                 | 1,2,4-Trimethyl benzene        | ACGIH  |   |  |  |  |  |
|  |                                | Brazil |   |  |  |  |  |
| 0000100-41-4                                 | Benzene, ethyl-                | ACGIH  | 20 ppm TWA  |  |  |  |  |
|  |                                | Brazil | 78 ppm TWA LT; 340 mg/m3 TWA LT                               |  |  |  |  |
| 0001330-20-7                                 | Xylenes (o-, m-, p- isomers)   | ACGIH  | 100 ppm TWA150 ppm STEL                                       |  |  |  |  |
|  |                                | Brazil | 78 ppm TWA LT; 340 mg/m3 TWA LT                               |  |  |  |  |
| 0012001-26-2                                 | Mica                           | ACGIH  | 3 mg/m3 TWA (respirable fraction)                             |  |  |  |  |
|  |                                | Brazil |   |  |  |  |  |
| 0013463-67-7                                 | Titanium dioxide               | ACGIH  | 10 mg/m3 TWA  |  |  |  |  |
|  |                                | Brazil |   |  |  |  |  |
| 0014807-96-6                                 | Talc                           | ACGIH  | 2 mg/m3 TWA (particulate matter containing no<br>asbestos and |  |  |  |  |
|  |                                | Brazil |   |  |  |  |  |
| 0025036-25-3                                 | Polymer of epoxy resin and     | ACGIH  |   |  |  |  |  |
|  | bisphenol A                    | Brazil |   |  |  |  |  |
| Proprietary                                  | Reaction of epichlorohydrin    | ACGIH  |   |  |  |  |  |
|  | and bisphenol A                | Brazil |   |  |  |  |  |
| 0064742-95-6                                 | Petroleum naphtha              | ACGIH  |   |  |  |  |  |
|  |                                | Brazil |   |  |  |  |  |
| 0068410-16-2                                 | Distillates, petroleum         | ACGIH  |   |  |  |  |  |
|  |                                | Brazil |   |  |  |  |  |

| CAS No.      | Ingredient                   | Source | Value  |
|--------------|------------------------------|--------|--|
| 0000071-36-3 | Butanol                      |        | Eye and mucous membrane irritation CNS depression                    |
| 0000095-63-6 | 1,2,4-Trimethyl benzene      | NIOSH  |  |
| 0000100-41-4 | Benzene, ethyl-              | NIOSH  | Eye skin   |
| 0001330-20-7 | Xylenes (o-, m-, p- isomers) |        | Central nervous system depressant;<br>respiratory and eye irritation |
| 0012001-26-2 | Mica                         | NIOSH  | respirable dust; Fibrotic pneumoconiosis                             |

| 0013463-67-7 | Titanium dioxide                               | NIOSH | Lung tumors in animals  |
|--------------|--|-------|---|
| 0014807-96-6 | Talc   |       | (containing asbestos); Fibrotic<br>pneumoconiosis; (containing no<br>asbestos); Nonmalignant respiratory<br>effects |
| 0025036-25-3 | Polymer of epoxy resin and bisphenol A         | NIOSH |   |
| Proprietary  | Reaction of epichlorohydrin and bisphenol<br>A | NIOSH |   |
| 0064742-95-6 | Petroleum naphtha                              | NIOSH |   |
| 0068410-16-2 | Distillates, petroleum                         | NIOSH |   |

| CAS No.      | Ingradiant                                | Source | arcinogen Data Value   |
|--------------|---|--------|--|
|              | Ingredient                                |        |  |
| 0000071-36-3 | Butanoi                                   |        | Select Carcinogen: No  |
|              |   |        | Known: No; Suspected: No   |
|              |   | IARC   | Group 1: No; Group 2a: No; Group 2b: No; Group 3: No;<br>Group 4: No;  |
| 0000095-63-6 | 1,2,4-Trimethyl benzene                   |        | Select Carcinogen: No  |
|              |   |        | Known: No; Suspected: No   |
|              |   | IARC   | Group 1: No; Group 2a: No; Group 2b: No; Group 3: No;<br>Group 4: No;  |
| 0000100-41-4 | Benzene, ethyl-                           | OSHA   | Select Carcinogen: Yes   |
|              |   | NTP    | Known: No; Suspected: No   |
|              |   | IARC   | Group 1: No; Group 2a: No; Group 2b: Yes; Group 3: No;<br>Group 4: No; |
| 0001330-20-7 | Xylenes (o-, m-, p-                       | OSHA   | Select Carcinogen: No  |
|              | isomers)                                  | NTP    | Known: No; Suspected: No   |
|              |   | IARC   | Group 1: No; Group 2a: No; Group 2b: No; Group 3: Yes;<br>Group 4: No; |
| 0012001-26-2 | Mica                                      | OSHA   | Select Carcinogen: No  |
|              |   | NTP    | Known: No; Suspected: No   |
|              |   | IARC   | Group 1: No; Group 2a: No; Group 2b: No; Group 3: No;<br>Group 4: No;  |
| 0013463-67-7 | Titanium dioxide                          | OSHA   | Select Carcinogen: Yes   |
|              |   | NTP    | Known: No; Suspected: No   |
|              |   | IARC   | Group 1: No; Group 2a: No; Group 2b: Yes; Group 3: No;<br>Group 4: No; |
| 0014807-96-6 | Talc                                      | OSHA   | Select Carcinogen: No  |
|              |   | NTP    | Known: No; Suspected: No   |
|              |   | IARC   | Group 1: No; Group 2a: No; Group 2b: No; Group 3: Yes;<br>Group 4: No; |
| 0025036-25-3 | Polymer of epoxy resin<br>and bisphenol A | OSHA   | Select Carcinogen: No  |
|              |   | NTP    | Known: No; Suspected: No   |
|              |   | IARC   | Group 1: No; Group 2a: No; Group 2b: No; Group 3: No;<br>Group 4: No;  |
| Proprietary  | Reaction of                               | OSHA   | Select Carcinogen: No  |
|              | epichlorohydrin and                       | NTP    | Known: No; Suspected: No   |
|              | bisphenol A                               | IARC   | Group 1: No; Group 2a: No; Group 2b: No; Group 3: No;<br>Group 4: No;  |
| 0064742-95-6 | Petroleum naphtha                         | OSHA   | Select Carcinogen: No  |
|              |   | NTP    | Known: No; Suspected: No   |
|              |   | IARC   | Group 1: No; Group 2a: No; Group 2b: No; Group 3: No;<br>Group 4: No;  |
| 0068410-16-2 |   | OSHA   | Select Carcinogen: No  |
|              |   | NTP    | Known: No; Suspected: No   |
|              |   | IARC   | Group 1: No; Group 2a: No; Group 2b: No; Group 3: No;<br>Group 4: No;  |

Carcinogen Data

8.2. Exposure controls

| Respiratory Protection            | document. Ensure<br>watering, headacl<br>levels are above a  | to provide protection from the ingredients listed in Section 3 of this<br>e fresh air entry during application and drying. If you experience eye<br>ne or dizziness or if air monitoring demonstrates dust, vapor, or mist<br>applicable limits, wear an appropriate, properly fitted respirator<br>I) during and after application. Follow respirator manufacturer's<br>irrator use. |  |  |
|-----------------------------------|--|---|--|--|
| Eye and face<br>protection        | Avoid contact with eyes. Protective equipment should be selected to provid<br>protection from exposure to the chemicals listed in Section 8 of this docum<br>Depending on the site-specific conditions of use, safety glasses, chemical<br>and/or head and face protection may be required to prevent contact. The e<br>must be thoroughly cleaned, or discarded after each use. |   |  |  |
| Skin and body protection          | Protective equipment should be selected to provide protection from exposure to the chemicals listed in Section 8 of this document. Depending on the site-specific conditions of use, protective gloves, apron, boots, head and face protection may be required to prevent contact. The equipment must be thoroughly cleaned, or discarder after each use.                        |   |  |  |
| Engineering Controls              | Prevent build-up or cross-ventilation.   | of vapors by opening all windows and doors to achieve   |  |  |
| Special Precations                | immediate vicinity<br>Wash hands befo  | rash fountains and safety showers should be available in the<br>of any potential exposure. Use good personal hygiene practices.<br>re eating, drinking, using toilet facilities, etc. Promptly remove soiled<br>a clothing thoroughly before reuse. Shower after work using plenty of   |  |  |
|                                   | 9. Pł  | nysical and chemical properties   |  |  |
| Appearance                        |  | Grey Liquid   |  |  |
| Odour threshold                   |  | Not Measured  |  |  |
| рН                                |  | No Established Limit  |  |  |
| Melting point / freezing point    |  | Not Measured  |  |  |
| Initial boiling point and         | boiling range  | 100 (°C) 212 (°F)   |  |  |
| Flash Point                       |  | 35 (°C) 95 (°F)   |  |  |
| Evaporation rate (Ethe            | r = 1)   | Not Measured  |  |  |
| Flammability (solid, ga           | s)   | Not Applicable  |  |  |
| Upper/lower flammabil             | ity or explosive limit   | s Lower Explosive Limit: .8   |  |  |
|                                   |  | Upper Explosive Limit: No Established Limit   |  |  |
| Vapour pressure (Pa)              |  | Not Measured  |  |  |
| Vapor Density                     |  | Heavier than air  |  |  |
| Specific Gravity                  |  | 1.46  |  |  |
| Solubility in Water               |  | Not Measured  |  |  |
| Partition coefficient n-c<br>Kow) | octanol/water (Log   | Not Measured  |  |  |
| Auto-ignition temperate           | ure  | Not Measured  |  |  |
| Decomposition temper              | ature  | Not Measured  |  |  |
| Viscosity (cSt)                   |  | No Established Limit Not Measured   |  |  |
| VOC %                             |  | Refer to the Technical Data Sheet or label where information is available.  |  |  |
|                                   |  | 10. Obstallity and as a shall a   |  |  |

10.1. Reactivity

Keep away from alkaline or strong strong acid to prevent probable exothermal reactions.

10.2. Chemical stability

This product is stable

10.3. Possibility of hazardous reactions

Dangerous Polymerization will not occur. Heat and vapors in excess can be generated when inproperly used. 10.4. Conditions to avoid

10. Stability and reactivity

Keep away from alkaline or strong strong acid to prevent probable exothermal reactions.

Strong oxidizing agents

10.5. Incompatible materials

Strong oxidizing agents

10.6. Hazardous decomposition products

Can liberate toxic vapors in the welding process. The vapors can produce Dioxide and Monoxide of Carbon.

11. Toxicological information

#### Acute toxicity

NOTICE: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. No additional information provided for this product. See Sections 3 and 8 for chemical specific data.

| Ingredient   | Oral LD50,<br>mg/kg              | Skin LD50,<br>mg/kg                    | Inhalation<br>Vapor LD50,<br>mg/L/4hr | Inhalation<br>Dust/Mist LD50,<br>mg/L/4hr |
|--|----------------------------------|--|---------------------------------------|---|
| Talc - (14807-96-6)  | No data<br>available             | No data<br>available                   | No data<br>available                  | No data available                         |
| Reaction of epichlorohydrin and<br>bisphenol A - (Proprietary) | No data<br>available             | No data<br>available                   | No data<br>available                  | No data available                         |
| Distillates, petroleum - (68410-16-2)                          | No data<br>available             | No data<br>available                   | No data<br>available                  | No data available                         |
| Mica - (12001-26-2)  | No data<br>available             | No data<br>available                   | No data<br>available                  | No data available                         |
| Xylenes (o-, m-, p- isomers) -<br>(1330-20-7)                  | 4,299.00, Rat -<br>Category: 5   | 1,548.00,<br>Rabbit -<br>Category: 4   | 20.00, Rat -<br>Category: 4           | No data available                         |
| Polymer of epoxy resin and bisphenol A<br>- (25036-25-3)       | No data<br>available             | No data<br>available                   | No data<br>available                  | No data available                         |
| Butanol - (71-36-3)  | 2,292.00, Rat -<br>Category: 5   | 3,430.00,<br>Rabbit -<br>Category: 5   | No data<br>available                  | No data available                         |
| Titanium dioxide - (13463-67-7)                                | 10,000.00, Rat<br>- Category: NA | 10,000.00,<br>Rabbit -<br>Category: NA | No data<br>available                  | 6.82, Rat -<br>Category: NA               |
| Petroleum naphtha - (64742-95-6)                               | 6,800.00, Rat -<br>Category: NA  | 3,400.00,<br>Rabbit -<br>Category: 5   | No data<br>available                  | No data available                         |
| 1,2,4-Trimethyl benzene - (95-63-6)                            | 3,400.00, Rat -<br>Category: 5   | 3,160.00,<br>Rabbit -<br>Category: 5   | 18.00, Rat -<br>Category: 4           | No data available                         |
| Benzene, ethyl (100-41-4)                                      | 3,500.00, Rat -<br>Category: 5   | 15,433.00,<br>Rabbit -<br>Category: NA | 17.20, Rat -<br>Category: 4           | No data available                         |

| Item   | Category       | Hazard                               |
|--|----------------|--------------------------------------|
| Acute Toxicity (mouth)   | Not Classified | Not Applicable                       |
| Acute Toxicity (skin)  | Not Classified | Not Applicable                       |
| Acute Toxicity (inhalation)                                    | Not Classified | Not Applicable                       |
| Skin corrosion/irritation                                      | 2              | Causes skin irritation.              |
| Eye damage/irritation  | 1              | Causes serious eye damage.           |
| Sensitization (respiratory)                                    |                | Not Applicable                       |
| Sensitization (skin)   | 1              | May cause an allergic skin reaction. |
| Germ toxicity  | Not Classified | Not Applicable                       |
| Carcinogenicity  |                | Not Applicable                       |
| Reproductive Toxicity  |                | Not Applicable                       |
| Specific target organ systemic toxicity (single exposure)      |                | Not Applicable                       |
| Specific target organ systemic<br>Toxicity (repeated exposure) |                | Not Applicable                       |
| Aspiration hazard  | Not Classified | Not Applicable                       |

12.1. Toxicity

The preparation has been assessed following the conventional method of the Dangerous Preparations Directive 199/45/CE and is classified according to the same as for the environment. For details, see sections 8 and 11. There are no data available on the product. Avoid contamination of drains or watercourses

12. Ecological information

#### Aquatic Ecotoxicity

| Ingredient  | 96 hr LC50 fish,<br>mg/l           | 48 hr EC50 crustacea,<br>mg/l | ErC50 algae,<br>mg/l                             |
|---|------------------------------------|-------------------------------|--|
| Talc - (14807-96-6)   | Not Available                      | Not Available                 | Not Available                                    |
| Reaction of<br>epichlorohydrin and<br>bisphenol A - (Proprietary) | Not Available                      | Not Available                 | 0.00 ( hr),                                      |
| Distillates, petroleum -<br>(68410-16-2)                          | Not Available                      | Not Available                 | 0.00 ( hr),                                      |
| Mica - (12001-26-2)   | Not Available                      | Not Available                 | Not Available                                    |
| Xylenes (o-, m-, p-<br>isomers) - (1330-20-7)                     | 3.30, Oncorhynchus mykiss          | 8.50, Palaemonetes pugio      | 100.00 (72 hr), Chlorococcales                   |
| Polymer of epoxy resin<br>and bisphenol A -<br>(25036-25-3)       | Not Available                      | Not Available                 | Not Available                                    |
| Butanol - (71-36-3)   | 1,376.00, Pimephales<br>promelas   | 1,328.00, Daphnia<br>magna    | 500.00 (96 hr), Scenedesmus<br>subspicatus       |
| Titanium dioxide -<br>(13463-67-7)                                | 1,000.00, Fundulus<br>heteroclitus | 5.50, Daphnia magna           | 5.83 (72 hr), Pseudokirchneriella<br>subcapitata |
| Petroleum naphtha -<br>(64742-95-6)                               | 9.22, Oncorhynchus mykiss          | 6.14, Daphnia magna           | 19.00 (72 hr), Selenastrum<br>capricornutum      |
| 1,2,4-Trimethyl benzene -<br>(95-63-6)                            | 7.72, Pimephales promelas          | 3.60, Daphnia magna           | Not Available                                    |
| Benzene, ethyl<br>(100-41-4)                                      | 4.20, Oncorhynchus mykiss          | 2.93, Daphnia magna           | 3.60 (96 hr), Pseudokirchneriella<br>subcapitata |

12.2. Persistence and degradability No data available 12.3. Bioaccumulative potential Not Measured 12.4. Mobility in soil No data available 12.5. Results of PBT and vPvB assessment This product contains no PBT/vPvB chemicals. 12.6. Other adverse effects No data available

13. Disposal considerations

13.1. Waste treatment methods

| General<br>Method of treatment<br>and disposal | Note: Disposal must be in accordance with the federal, state and local regulations.<br>Product: The treatment and the disposal of the product must in accordance the local<br>legislation.<br>Remaining portions of the product: Residues that will not be used must be discarded<br>in accordance the local legislation. Used packing: Do not reuse the packing. Recycle<br>if appropriate or discard in accordance the local legislation. |  |  |  |  |  |
|--|---|--|--|--|--|--|
| 14. Transport information                      |   |  |  |  |  |  |
| 14.1. UN number<br>14.2. UN proper shippi      | UN 1263<br>ng name PAINT  |  |  |  |  |  |

14.3. Transport hazard class(es)

Domestic Surface Transportation Proper Shipping PAINT Name Hazard Class 3

IMO / IMDG (Ocean Transportation) IMDG Proper PAINT Shipping Name IMDG Hazard Class 3

|   |  |           |                         | —  |                     |  |  |
|---|--|-----------|-------------------------|--|---------------------|--|--|
|   | UN / NA Number<br>Packaging Group<br>CERCLA/DOT R  | ) III     | 1465 lbs.               | UN / NA Number<br>IMDG Packing Group<br>System Reference | UN 1263<br>III<br>1 |  |  |
|   |  | <b>3</b>  |                         | Code   |                     |  |  |
|   | Risk Number  | 30        |                         | EMS<br>Marine Pollutant                                  | F-E,S-E<br>No       |  |  |
| Air Transport (ICAO-ITI / IATA-DGR)   |  |           |                         |  |                     |  |  |
| Proper Shipping<br>Name   |  | PAINT     |                         |  |                     |  |  |
|   | Hazard Class   | 3         |                         |  |                     |  |  |
| UN / NA Number  |  | UN 1263   |                         |  |                     |  |  |
| Packaging Group   |  | >         |                         |  |                     |  |  |
|   | 0 0 1  |           |                         |  |                     |  |  |
| 14.4. Pack  | king group   |           | III                     |  |                     |  |  |
| 14.5. Environmental hazards   |  |           |                         |  |                     |  |  |
| IMDG  | Marine Poll  | utant: No |                         |  |                     |  |  |
|   |  |           |                         |  |                     |  |  |
| 14.6. Spec  | cial precautions for   | r user    |                         |  |                     |  |  |
|   | Not Applica  | ble       |                         |  |                     |  |  |
| 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code                             |  |           |                         |  |                     |  |  |
| Not Applicable  |  |           |                         |  |                     |  |  |
| 15. Regulatory information  |  |           |                         |  |                     |  |  |
| Regulator   |  |           | n 3/07/98, regarding th | e Safety in the Utilizat                                 | ion of Chemical     |  |  |
|   | Products at Work.  |           |                         |  |                     |  |  |
|   | Act # 96.044 of 18/05/88. Regulations of Road Transport of Dangerous Products.<br>Decreto 1.797, of 25/01/1996, Bill of Hazardous Products in the Mercosul range.  |           |                         |  |                     |  |  |
| Resolution ANTT # 420, of 12/02/2004: complementary instructions to the Regulation                        |  |           |                         |  |                     |  |  |
| of Road Transport of Hazardous Products.  |  |           |                         |  |                     |  |  |
| Decreto 3214 of MTE   |  |           |                         |  |                     |  |  |
| NBR 7500: Identification for the road transport, the handling, the moving and the<br>storage of products. |  |           |                         |  |                     |  |  |
| NBR 7501: Terminology Transport of Hazardous Products.  |  |           |                         |  |                     |  |  |
|   | NBR 7503: Road transport of hazardous products emergency form and envelope   |           |                         |  |                     |  |  |
|   | Features, dimensions and filling.  |           |                         |  |                     |  |  |
|   | NBR 9735: Set of equipments for Emergency in the Road Transport of Hazardo<br>Products Procedures. All ingredients of this product are listed on the TSCA (<br>Substance Control Act) Inventory or are not required to be listed on the TSCA |           |                         |  |                     |  |  |
|   |  | entory.   | , <b>,.</b> -           | 1  |                     |  |  |
| WHMIS C   | lassification B2   | D2B E     |                         |  |                     |  |  |
|   |  |           |                         |  |                     |  |  |

16. Other information

The information contained in this Material Safety Data Sheet (MSDS) has the purpose of being a description of the product safety requirements, which were obtained from the literature and current legislation specific about raw materials/ingredients. Thus, the accuracy of the data contained herein is not, expressly or implicitly, assured by the Manufacturer. The product shall not be used for purposes other than the ones specified by the Manufacturer. The user is always liable for taking all required measures to comply with the provisions in this MSDS, as well as with the requirements expressed in the regulations and effective legislation.

- Work and Job department clause # 3.214 of June 08, 1978.

- ABNT NBR 14725 (parts I,II,III and IV) Chemical products Information on safety, health and environment.

Specific use: product meant only for professional use, check the product data sheet.

CAS: Chemical Abstract Service register number It s a register number indicated by the American Chemical Society, which identifies only a specific chemical component.

KHJ684\_A3 End of Document



Your attention is drawn to the disclaimer on the Product Data Sheet which with this Safety Data Sheet and the package labelling comprise an integral information system about this product. Copies of the Product Data Sheet are available from

Bibliographic references:

<sup>-</sup> Council Directive 67/548/EEC of June 27, 1967.

 $\label{eq:linear} International \ Paint \ on \ request \ or \ from \ our \ Internet \ sites : www.yachtpaint.com \ , www.international-pc.com$