

Material Safety Data Sheet
 INTERPRIME 198 BRANCO

Bulk Sales Reference No.: CPA097
 MSDS Revision Date: 03/10/2014
 MSDS Revision Number: A8



1. Identification of the preparation and company

1.1. Product identifier

Product Identity INTERPRIME 198 BRANCO
 Bulk Sales Reference Number CPA097

1.2. Relevant identified uses of the substance 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
ARGENTINA:
 Ruta Panamericana Km 37,5
 Garin, Buenos Aires
 PO Box: B1606DQE
AKZONOBEL CHILE:
 Calle Limache 3363 Local 3, El Salto
 Viña del Mar, Chile
 C.P. 2520642 - Rut 76.048140-8
BRAZIL:
 Avenida Paiva, 999 - Neves
 Sao Goncalo, RJ
 24426-148 Brazil

Emergency

Suatrans Cotec 0800 7071 767 or 0800 7077 022 or 0800 172020 or
 55*2*7500 (24 hr)

International Paint

ARGENTINA:
 +54 3327 44 7777
CHILE:
 +56 32 267 1174
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:
 +54 3327 44 7777 Fax: +54 3327 44 7738

CHILE:
 +56 32 267 1174 Fax: +56 32 263 1496

BRAZIL:
 +55 21 2199-7100 Fax: +55 21 2199-7124

2. Hazard identification of the product

2.1. Classification of the substance or mixture

| | |
|------------------------|--|
| Flam. Liq. 3;H226 | Flammable liquid and vapour. |
| Skin Irrit. 2;H315 | Causes skin irritation. |
| Eye Dam. 1;H318 | Causes serious eye damage. |
| Carc. 2;H351 | Suspected of causing cancer. |
| Aquatic Acute 2;H401 | Toxic to aquatic life. |
| Aquatic Chronic 3;H412 | Harmful to aquatic life with long lasting effects. |

2.2. Label elements

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



Danger.

H226 Flammable liquid and vapour.

H315 Causes skin irritation.

H318 Causes serious eye damage.

H351 Suspected of causing cancer.

H401 Toxic to aquatic life.

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.

P285 In case of inadequate ventilation wear respiratory 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.

P304+341 IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.

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.

P342+311 If experiencing respiratory symptoms: Call a POISON CENTER or doctor / physician.

P362 Take off contaminated clothing and wash before reuse.

P363 Wash contaminated clothing before reuse.

P370 In case of fire:.

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

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

HMIS Rating Health: 2* Flammability: 3 Reactivity: 0

| |
|---|
| 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 % | GHS Classification | Notes |
|--|----------|---|--------|
| Xylenes (o-, m-, p- isomers) CAS Number: 0001330-20-7 | 10 - 25 | Flam. Liq. 3;H226 Acute Tox. 4;H332 Acute Tox. 4;H312 Skin Irrit. 2;H315 | [1][2] |
| Barium sulfate CAS Number: 0007727-43-7 | 1.0 - 10 | ---- | [1][2] |
| Isobenzofurandione CAS Number: 0000085-44-9 | 1.0 - 10 | Acute Tox. 4;H302 STOT SE 3;H335 Skin Irrit. 2;H315 Eye Dam. 1;H318 Resp. Sens. 1;H334 Skin Sens. 1;H317 | [1][2] |
| | 1.0 - 10 | | [1][2] |

| | | | |
|---|------------|--|--------|
| Benzene, ethyl- CAS Number: 0000100-41-4 | | Flam. Liq. 2;H225 Acute Tox. 4;H332 | |
| Petroleum naphtha CAS Number: 0064742-95-6 | 1.0 - 10 | Asp. Tox. 1;H304 Aquatic Chronic 2;H411 (Self Classification) | [1] |
| Titanium dioxide CAS Number: 0013463-67-7 | 1.0 - 10 | ---- | [1][2] |
| 1,2,4-Trimethyl benzene CAS Number: 0000095-63-6 | 1.0 - 10 | Flam. Liq. 3;H226 Acute Tox. 4;H332 Eye Irrit. 2;H319 STOT SE 3;H335 Skin Irrit. 2;H315 Aquatic Chronic 2;H411 | [1] |
| 1,3,5-Trimethylbenzene CAS Number: 0000108-67-8 | 1.0 - 10 | Flam. Liq. 3;H226 STOT SE 3;H335 Aquatic Chronic 2;H411 | [1] |
| Pentaerythritol CAS Number: 0000115-77-5 | 1.0 - 10 | ---- | [1][2] |
| Benzoic acid CAS Number: 0000065-85-0 | 1.0 - 10 | Acute Tox. 4;H302 Eye Dam. 1;H318 | [1] |
| Methyl ethyl ketoxime CAS Number: 0000096-29-7 | 0.10 - 1.0 | Carc. 2;H351 Acute Tox. 4;H312 Eye Dam. 1;H318 Skin Sens. 1;H317 | [1] |

[1] Substance classified with a health or environmental hazard.

[2] Substance with a workplace exposure limit.

[3] PBT-substance or vPvB-substance.

*The full texts of the phrases are shown in Section 16.

4. First aid measures

4.1. Description of 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 induce vomiting unless instructed to do so by medical personnel. Never give anything by mouth to an unconscious person. |

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

| | |
|-----------------|---|
| Overview | 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. Avoid contact with eyes, skin and clothing. May cause allergic respiratory reaction. |
| 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 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 animal data (See Section 2 and Section 15 for each ingredient). Risk of cancer depends on duration and level of exposure. |

5. Fire-fighting measures

5.1. Extinguishing media

| | |
|-----------------------------------|---|
| Appropriate Extinguishing Methods | Water in form of fog, Co2, foam or dry chemical dust. |
|-----------------------------------|---|

Inappropriate Extinguishing Methods Direct water spray into fire

Specific Hazards Can liberate toxic fumes or gases during the burning. For decomposition see section 10.

5.2. Special hazards arising 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-fighters

Firefighter Protection In fire case, to use personal respiratory device and suits for protection.

6. Accidental release measures

6.1. Personal precautions, 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 precautions

Environmental Precautions 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

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).

7.3. Specific end use(s)

No data available

8. Exposure controls and personal protection

8.1. Control parameters

Exposure

| CAS No. | Ingredient | Source | Value |
|--------------|--------------|----------|----------------------|
| 0000065-85-0 | Benzoic acid | OSHA | No Established Limit |
| | | ACGIH | No Established Limit |
| | | NIOSH | No Established Limit |
| | | Supplier | No Established Limit |

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| | | | |
|--------------|-------------------------|--------------|--|
| | | OHSA, CAN | No Established Limit |
| | | Mexico | No Established Limit |
| | | Brazil | No Established Limit |
| 0000085-44-9 | Isobenzofurandione | OSHA | 2 ppm TWA; 12 mg/m3 TWA |
| | | ACGIH | 1 ppm TWA |
| | | NIOSH | 1 ppm TWA; 6 mg/m3 TWA60 mg/m3 IDLH |
| | | Supplier | No Established Limit |
| | | OHSA, CAN | 1 ppm TWA |
| | | Mexico | 1 ppm TWA LMPE-PPT; 6 mg/m3 TWA LMPE-PPT4 ppm STEL [LMPE-CT]; 24 mg/m3 STEL [LMPE-CT] |
| | | Brazil | No Established Limit |
| 0000095-63-6 | 1,2,4-Trimethyl benzene | OSHA | No Established Limit |
| | | ACGIH | No Established Limit |
| | | NIOSH | 25 ppm TWA; 125 mg/m3 TWA |
| | | Supplier | No Established Limit |
| | | OHSA, CAN | No Established Limit |
| | | Mexico | No Established Limit |
| | | Brazil | No Established Limit |
| 0000096-29-7 | Methyl ethyl ketoxime | OSHA | No Established Limit |
| | | ACGIH | No Established Limit |
| | | NIOSH | No Established Limit |
| | | Supplier | No Established Limit |
| | | OHSA, CAN | No Established Limit |
| | | Mexico | No Established Limit |
| | | Brazil | No Established Limit |
| 0000100-41-4 | Benzene, ethyl- | OSHA | 100 ppm TWA; 435 mg/m3 TWA125 ppm STEL; 545 mg/m3 STEL |
| | | ACGIH | 20 ppm TWA |
| | | NIOSH | 100 ppm TWA; 435 mg/m3 TWA125 ppm STEL; 545 mg/m3 STEL800 ppm IDLH (10% LEL) |
| | | Supplier | No Established Limit |
| | | OHSA, CAN | 20 ppm TWA |
| | | Mexico | 100 ppm TWA LMPE-PPT; 435 mg/m3 TWA LMPE-PPT125 ppm STEL [LMPE-CT]; 545 mg/m3 STEL [LMPE-CT] |
| | | Brazil | 78 ppm TWA LT; 340 mg/m3 TWA LT |
| 0000108-67-8 | 1,3,5-Trimethylbenzene | OSHA | No Established Limit |
| | | ACGIH | No Established Limit |
| | | NIOSH | 25 ppm TWA; 125 mg/m3 TWA |
| | | Supplier | No Established Limit |
| | | OHSA, CAN | No Established Limit |
| | | Mexico | No Established Limit |
| | | Brazil | No Established Limit |
| 0000115-77-5 | Pentaerythritol | OSHA | 15 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable fraction) |
| | | ACGIH | 10 mg/m3 TWA |
| | | NIOSH | 10 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable dust) |
| | | Supplier | No Established Limit |
| | | OHSA, CAN | 10 mg/m3 TWA |
| | | Mexico | 10 mg/m3 TWA LMPE-PPT20 mg/m3 STEL [LMPE-CT] |

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| | | | |
|--------------|------------------------------|-----------|--|
| 0001330-20-7 | Xylenes (o-, m-, p- isomers) | Brazil | No Established Limit |
| | | OSHA | 100 ppm TWA; 435 mg/m3 TWA150 ppm STEL; 655 mg/m3 STEL |
| | | ACGIH | 100 ppm TWA150 ppm STEL |
| | | NIOSH | No Established Limit |
| | | Supplier | No Established Limit |
| | | OHSA, CAN | 100 ppm TWA150 ppm STEL |
| | | Mexico | 100 ppm TWA LMPE-PPT; 435 mg/m3 TWA LMPE-PPT150 ppm STEL [LMPE-CT]; 655 mg/m3 STEL [LMPE-CT] |
| 0007727-43-7 | Barium sulfate | Brazil | 78 ppm TWA LT; 340 mg/m3 TWA LT |
| | | OSHA | 15 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable fraction) |
| | | ACGIH | 10 mg/m3 TWA |
| | | NIOSH | 10 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable dust) |
| | | Supplier | No Established Limit |
| | | OHSA, CAN | 10 mg/m3 TWA |
| | | Mexico | No Established Limit |
| 0013463-67-7 | Titanium dioxide | Brazil | No Established Limit |
| | | OSHA | 15 mg/m3 TWA (total dust) |
| | | ACGIH | 10 mg/m3 TWA |
| | | NIOSH | 5000 mg/m3 IDLH |
| | | Supplier | No Established Limit |
| | | OHSA, CAN | 10 mg/m3 TWA |
| | | Mexico | 10 mg/m3 TWA LMPE-PPT (as Ti)20 mg/m3 STEL [LMPE-CT] (as Ti) |
| 0064742-95-6 | Petroleum naphtha | Brazil | No Established Limit |
| | | OSHA | No Established Limit |
| | | ACGIH | No Established Limit |
| | | NIOSH | No Established Limit |
| | | Supplier | No Established Limit |
| | | OHSA, CAN | No Established Limit |
| | | Mexico | No Established Limit |

Health Data

| CAS No. | Ingredient | Source | Value |
|--------------|------------------------------|--------|---|
| 0000065-85-0 | Benzoic acid | NIOSH | No Established Limit |
| 0000085-44-9 | Isobenzofurandione | NIOSH | Skin and respiratory irritation and sensitization eye irritation |
| 0000095-63-6 | 1,2,4-Trimethyl benzene | NIOSH | No Established Limit |
| 0000096-29-7 | Methyl ethyl ketoxime | NIOSH | No Established Limit |
| 0000100-41-4 | Benzene, ethyl- | NIOSH | Eye skin |
| 0000108-67-8 | 1,3,5-Trimethylbenzene | NIOSH | No Established Limit |
| 0000115-77-5 | Pentaerythritol | NIOSH | Physical irritation |
| 0001330-20-7 | Xylenes (o-, m-, p- isomers) | NIOSH | Central nervous system depressant; respiratory and eye irritation |
| 0007727-43-7 | Barium sulfate | NIOSH | Eye nose |
| 0013463-67-7 | Titanium dioxide | NIOSH | Lung tumors in animals |
| 0064742-95-6 | Petroleum naphtha | NIOSH | No Established Limit |

Carcinogen Data

| CAS No. | Ingredient | Source | Value |
|--------------|--------------|--------|-----------------------|
| 0000065-85-0 | Benzoic acid | OSHA | Select Carcinogen: No |

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| | | | |
|--------------|-----------------------------|------|---|
| | | NTP | Known: No; Suspected: No |
| | | IARC | Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No; |
| 0000085-44-9 | Isobenzofurandione | OSHA | Select Carcinogen: No |
| | | NTP | Known: No; Suspected: No |
| | | IARC | Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No; |
| 0000095-63-6 | 1,2,4-Trimethyl benzene | OSHA | Select Carcinogen: No |
| | | NTP | Known: No; Suspected: No |
| | | IARC | Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No; |
| 0000096-29-7 | Methyl ethyl ketoxime | OSHA | Select Carcinogen: No |
| | | NTP | Known: No; Suspected: No |
| | | IARC | Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; 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; Group 4: No; |
| 0000108-67-8 | 1,3,5-Trimethylbenzene | OSHA | Select Carcinogen: No |
| | | NTP | Known: No; Suspected: No |
| | | IARC | Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No; |
| 0000115-77-5 | Pentaerythritol | OSHA | Select Carcinogen: No |
| | | NTP | Known: No; Suspected: No |
| | | IARC | Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No; |
| 0001330-20-7 | Xylenes (o-, m-, p-isomers) | OSHA | Select Carcinogen: No |
| | | NTP | Known: No; Suspected: No |
| | | IARC | Group 1: No; Group 2a: No; Group 2b: No; Group 3: Yes; Group 4: No; |
| 0007727-43-7 | Barium sulfate | OSHA | Select Carcinogen: No |
| | | NTP | Known: No; Suspected: No |
| | | IARC | Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; 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; 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; Group 4: No; |

8.2. Exposure controls

| | |
|--------------------------|---|
| Respiratory Protection | Select equipment to provide protection from the ingredients listed in Section 3 of this document. Ensure fresh air entry during application and drying. If you experience eye watering, headache or dizziness or if air monitoring demonstrates dust, vapor, or mist levels are above applicable limits, wear an appropriate, properly fitted respirator (NIOSH approved) during and after application. Follow respirator manufacturer's directions for respirator use. |
| Eye and face protection | Avoid contact with eyes. 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, safety glasses, chemical goggles, and/or head and face protection may be required to prevent contact. The equipment 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 discarded after each use. |

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Engineering Controls Prevent build-up of vapors by opening all windows and doors to achieve cross-ventilation.

Special Precautions Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Use good personal hygiene practices. Wash hands before eating, drinking, using toilet facilities, etc. Promptly remove soiled clothing and wash clothing thoroughly before reuse. Shower after work using plenty of soap and water.

9. Physical and chemical properties

Appearance White Liquid

Odour threshold Not Measured

pH No Established Limit

Melting point / freezing point Not Measured

Initial boiling point and boiling range 29 (C) 84 (F)

Flash Point 35 (C) 95 (F)

Evaporation rate (Ether = 1) Not Measured

Flammability (solid, gas) Not Applicable

Upper/lower flammability or explosive limits Lower Explosive Limit: .8
Upper Explosive Limit: No Established Limit

Vapour pressure (Pa) Not Measured

Vapor Density Heavier than air

Specific Gravity 1.27

Partition coefficient n-octanol/water (Log Kow) Not Measured

Auto-ignition temperature Not Measured

Decomposition temperature Not Measured

Viscosity (cSt) No Established Limit

VOC % Refer to the Technical Data Sheet or label where information is available.

9.2. Other information
No further information

10. Stability and reactivity

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 improperly used.

10.4. Conditions to avoid
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, mg/kg | Skin LD50, mg/kg | Inhalation Vapor LD50, mg/L/4hr | Inhalation Dust/Mist LD50, mg/L/4hr |
|--|-----------------------------|--------------------------------|---------------------------------|-------------------------------------|
| Xylenes (o-, m-, p- isomers) - (1330-20-7) | 4,299.00, Rat - Category: 5 | 1,548.00, Rabbit - Category: 4 | 20.00, Rat - Category: 4 | No data available |
| Barium sulfate - (7727-43-7) | | | | |

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| | | | | |
|-------------------------------------|-------------------------------|----------------------------------|---------------------------|---------------------------|
| | 3,000.00, Mouse - Category: 5 | No data available | No data available | No data available |
| Isobenzofurandione - (85-44-9) | 1,530.00, Rat - Category: 4 | 10,000.00, Rabbit - Category: NA | No data available | No data available |
| Benzene, ethyl- - (100-41-4) | 3,500.00, Rat - Category: 5 | 15,433.00, Rabbit - Category: NA | 17.20, Rat - Category: 4 | No data available |
| Petroleum naphtha - (64742-95-6) | 6,800.00, Rat - Category: NA | 3,400.00, Rabbit - Category: 5 | No data available | No data available |
| Titanium dioxide - (13463-67-7) | 10,000.00, Rat - Category: NA | 10,000.00, Rabbit - Category: NA | No data available | 6.82, Rat - Category: NA |
| 1,2,4-Trimethyl benzene - (95-63-6) | 3,400.00, Rat - Category: 5 | 3,160.00, Rabbit - Category: 5 | 18.00, Rat - Category: 4 | No data available |
| 1,3,5-Trimethylbenzene - (108-67-8) | No data available | No data available | 24.00, Rat - Category: NA | No data available |
| Pentaerythritol - (115-77-5) | 19,500.00, Rat - Category: NA | 10,000.00, Rabbit - Category: NA | No data available | No data available |
| Benzoic acid - (65-85-0) | 1,700.00, Rat - Category: 4 | 5,000.00, Rabbit - Category: 5 | No data available | 17.20, Rat - Category: NA |
| Methyl ethyl ketoxime - (96-29-7) | 930.00, Rat - Category: 4 | 2,000.00, Rabbit - Category: 4 | 20.00, Rat - 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) | | Not Applicable |
| Germ toxicity | Not Classified | Not Applicable |
| Carcinogenicity | 2 | Suspected of causing cancer. |
| Reproductive Toxicity | | Not Applicable |
| Specific target organ systemic toxicity (single exposure) | | Not Applicable |
| Specific target organ systemic Toxicity (repeated exposure) | | Not Applicable |
| Aspiration hazard | Not Classified | Not Applicable |

12. Ecological information

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

Aquatic Ecotoxicity

| Ingredient | 96 hr LC50 fish, mg/l | 48 hr EC50 crustacea, mg/l | ErC50 algae, mg/l |
|---|---------------------------|----------------------------|--------------------------------|
| Xylenes (o-, m-, p-isomers) - (1330-20-7) | 3.30, Oncorhynchus mykiss | 8.50, Palaemonetes pugio | 100.00 (72 hr), Chlorococcales |
| | | | Not Available |

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| | | | |
|-------------------------------------|---------------------------------|--------------------------|--|
| Barium sulfate - (7727-43-7) | 59,000.00, Poecilia sphenops | 32.00, Daphnia magna | |
| Isobenzofurandione - (85-44-9) | 313.00, Leuciscus idus | Not Available | 41.40 (96 hr), Pseudokirchneriella subcapitata |
| Benzene, ethyl- - (100-41-4) | 4.20, Oncorhynchus mykiss | 2.93, Daphnia magna | 3.60 (96 hr), Pseudokirchneriella subcapitata |
| Petroleum naphtha - (64742-95-6) | 9.22, Oncorhynchus mykiss | 6.14, Daphnia magna | 19.00 (72 hr), Selenastrum capricornutum |
| Titanium dioxide - (13463-67-7) | 1,000.00, Fundulus heteroclitus | 5.50, Daphnia magna | 5.83 (72 hr), Pseudokirchneriella subcapitata |
| 1,2,4-Trimethyl benzene - (95-63-6) | 7.72, Pimephales promelas | 3.60, Daphnia magna | Not Available |
| 1,3,5-Trimethylbenzene - (108-67-8) | 12.52, Carassius auratus | 6.00, Daphnia magna | 25.00 (48 hr), Scenedesmus subspicatus |
| Pentaerythritol - (115-77-5) | 5,000.00, Leuciscus idus | 33,600.00, Daphnia magna | Not Available |
| Benzoic acid - (65-85-0) | 44.60, Fish (Piscis) | 100.00, Daphnia magna | 9.00 (72 hr), Anabaenia inaequalis |
| Methyl ethyl ketoxime - (96-29-7) | 320.00, Leuciscus idus | 500.00, Daphnia magna | 83.00 (72 hr), Scenedesmus subspicatus |

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

Note: Disposal must be in accordance with the federal, state and local regulations.

Method of treatment and disposal

Product: The treatment and the disposal of the product must in accordance the local legislation.

Remaining portions of the product: Residues that will not be used must be discarded in accordance the local legislation. Used packing: Do not reuse the packing. Recycle if appropriate or discard in accordance the local legislation.

14. Transport information

14.1. UN number UN 1263

14.2. UN proper shipping name PAINT

14.3. Transport hazard class(es)

Domestic Surface Transportation

Proper Shipping Name PAINT
 Hazard Class 3
 UN / NA Number UN 1263
 Packaging Group III
 CERCLA/DOT RQ 40 gal. / 422 lbs.
 Risk Number 30

IMO / IMDG (Ocean Transportation)

IMDG Proper Shipping Name PAINT
 IMDG Hazard Class 3
 UN / NA Number UN 1263
 IMDG Packing Group III
 System Reference Code 1
 EMS F-E,S-E
 Marine Pollutant No

Air Transport (ICAO-ITI / IATA-DGR)

| | |
|----------------------|---------|
| Proper Shipping Name | PAINT |
| Hazard Class | 3 |
| UN / NA Number | UN 1263 |
| Packaging Group | III |

14.4. Packing group III

14.5. Environmental hazards

IMDG Marine Pollutant: No

14.6. Special precautions for user

Not Applicable

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not Applicable

15. Regulatory information

Regulatory Overview Decreto 2.657, from 3/07/98, regarding the Safety in the Utilization of Chemical Products at Work.
Act # 96.044 of 18/05/88. Regulations of Road Transport of Dangerous Products.
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 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 Hazardous Products Procedures. All ingredients of this product are listed on the TSCA (Toxic Substance Control Act) Inventory or are not required to be listed on the TSCA Inventory.

WHMIS Classification B2 D2A E

DOT Marine Pollutants (10%):

(No Product Ingredients Listed)

DOT Severe Marine Pollutants (1%):

(No Product Ingredients Listed)

EPCRA 311/312 Chemicals and RQs (>.1%) :

Benzoic acid (5000 lb final RQ; 2270 kg final RQ)
Cumene (5000 lb final RQ; 2270 kg final RQ)
Benzene, ethyl- (1000 lb final RQ; 454 kg final RQ)
Isobenzofuryone (5000 lb final RQ; 2270 kg final RQ)
Xylenes (o-, m-, p- isomers) (100 lb final RQ; 45.4 kg final RQ)

EPCRA 302 Extremely Hazardous (>.1%) :

(No Product Ingredients Listed)

EPCRA 313 Toxic Chemicals (>.1%) :

1,2,4-Trimethyl benzene
Aluminum oxide
Cumene
Benzene, ethyl-
Isobenzofuryone
Xylenes (o-, m-, p- isomers)

Mass RTK Substances (>1%) :

1,2,4-Trimethyl benzene
Barium sulfate
Benzoic acid
Benzene, ethyl-
Pentaeritritol
Isobenzofuryone

Titanium dioxide
 1,3,5-Trimethylbenzene
 Xylenes (o-, m-, p- isomers)
 Penn RTK Substances (>1%) :
 1,2,4-Trimethyl benzene
 Barium sulfate
 Benzoic acid
 Benzene, ethyl-
 Pentaeritritol
 Isobenzofuryone
 Titanium dioxide
 Xylenes (o-, m-, p- isomers)
 Penn Special Hazardous Substances (>.01%) :
 (No Product Ingredients Listed)
 RCRA Status:
 (No Product Ingredients Listed)
 N.J. RTK Substances (>1%) :
 1,2,4-Trimethyl benzene
 Barium sulfate
 Benzoic acid
 Benzene, ethyl-
 Pentaeritritol
 Isobenzofuryone
 Titanium dioxide
 Xylenes (o-, m-, p- isomers)
 N.J. Special Hazardous Substances (>.01%) :
 Cumene
 Benzene, ethyl-
 Isobenzofuryone
 Xylenes (o-, m-, p- isomers)
 N.J. Env. Hazardous Substances (>.1%) :
 1,2,4-Trimethyl benzene
 Aluminum oxide
 Cumene
 Benzene, ethyl-
 Isobenzofuryone
 Xylenes (o-, m-, p- isomers)
 Proposition 65 - Carcinogens (>0%):
 Cumene
 Benzene, ethyl-
 Quartz
 Titanium dioxide
 Proposition 65 - Female Repro Toxins (>0%):
 (No Product Ingredients Listed)
 Proposition 65 - Male Repro Toxins (>0%):
 (No Product Ingredients Listed)
 Proposition 65 - Developmental Toxins (>0%):
 (No Product Ingredients Listed)

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|-----------------------|
| 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.

Bibliographic references:

- Council Directive 67/548/EEC of June 27, 1967.
- Work and Job department clause # 3.214 of June 08, 1978.

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- 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.

The full text of the phrases appearing in section 3 is:

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.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H332 Harmful if inhaled.

H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.

H335 May cause respiratory irritation.

H336 May cause drowsiness or dizziness.

H351 Suspected of causing cancer.

H372 Causes damage to organs through prolonged or repeated exposure.

H411 Toxic to aquatic life with long lasting effects.

This is the first revision of this SDS format, changes from previous revision not applicable.

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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 International Paint on request or from our Internet sites : www.yachtpaint.com , www.international-marine.com, www.international-pc.com