

Safety Data Sheet
INTERZONE 505 PART B

Bulk Sales Reference No.: EGA885
SDS Revision Date: 07/05/2016
SDS Revision Number: A0



1. Identification of the preparation and company

1.1. Product identifier

Product Identity INTERZONE 505 PART B
Bulk Sales Reference Number EGA885

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
Skin Irrit. 2;H315
Eye Dam. 1;H318
Skin Sens. 1;H317
Resp. Sens. 1;H334
Aquatic Acute 3;H402

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.
- H317 May cause an allergic skin reaction.
- H318 Causes serious eye damage.
- H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.
- H402 Harmful to aquatic life.

- P210 Keep away from heat / sparks / open flames / hot surfaces - No smoking.
- P235 Keep cool.
- P240 Ground / bond container and receiving equipment.
- P241 Use explosion-proof electrical / ventilating / light / equipment.
- P242 Use only non-sparking tools.
- P243 Take precautionary measures against static discharge.
- P261 Avoid breathing dust / fume / gas / mist / vapours / spray.
- 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.
- 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.
- 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: 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 %
Xylenes (o-, m-, p- isomers) CAS Number: 0001330-20-7	10 - 25
Glass, oxide, chemicals CAS Number: 0065997-17-3	10 - 25
Butanol CAS Number: 0000071-36-3	1.0 - 10
Propylene glycol monomethyl ether CAS Number: 0000107-98-2	1.0 - 10
2,4,6-Tri(dimethylaminomethyl)phenol CAS Number: 0000090-72-2	1.0 - 10
Silica, amorphous, fumed, cryst.-free CAS Number: 0112945-52-5	1.0 - 10
Ethylene diamine CAS Number: 0000107-15-3	1.0 - 10

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. May cause lung injury. May cause mucous membrane and respiratory tract irritation, tightness of chest, headache, shortness of breath and dry cough. May cause asthma-like symptoms to occur. 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
---------------------------	--

EGA885_A0

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).

8. Exposure controls and personal protection

8.1. Control parameters

Exposure

CAS No.	Ingredient	Source	Value
0000071-36-3	Butanol	ACGIH	20 ppm TWA
		Brazil	40 ppm TWA LT; 115 mg/m3 TWA LT
0000090-72-2	2,4,6-Tri(dimethylaminomethyl)phenol	ACGIH	
		Brazil	
0000107-15-3	Ethylene diamine	ACGIH	10 ppm TWA
		Brazil	
0000107-98-2	Propylene glycol monomethyl ether	ACGIH	50 ppm TWA100 ppm STEL
		Brazil	
0001330-20-7	Xylenes (o-, m-, p- isomers)	ACGIH	100 ppm TWA150 ppm STEL
		Brazil	78 ppm TWA LT; 340 mg/m3 TWA LT
0065997-17-3	Glass, oxide, chemicals	ACGIH	
		Brazil	
0112945-52-5	Silica, amorphous, fumed, cryst.-free	ACGIH	
		Brazil	

Health Data

CAS No.	Ingredient	Source	Value
0000071-36-3	Butanol	NIOSH	Eye and mucous membrane irritation CNS depression
0000090-72-2	2,4,6-Tri(dimethylaminomethyl)phenol	NIOSH	
0000107-15-3	Ethylene diamine	NIOSH	Sensitization and primary irritation to the skin mucous membranes
0000107-98-2	Propylene glycol monomethyl ether	NIOSH	Eye nose
0001330-20-7	Xylenes (o-, m-, p- isomers)	NIOSH	Central nervous system depressant; respiratory and eye irritation
0065997-17-3	Glass, oxide, chemicals	NIOSH	
0112945-52-5	Silica, amorphous, fumed, cryst.-free	NIOSH	

Carcinogen Data

CAS No.	Ingredient	Source	Value
0000071-36-3	Butanol	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	

EGA885_A0

			Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
0000090-72-2	2,4,6-Tri(dimethylaminomethyl)phenol	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;
0000107-15-3	Ethylene diamine	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;
0000107-98-2	Propylene glycol monomethyl ether	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;
0065997-17-3	Glass, oxide, chemicals	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;
0112945-52-5	Silica, amorphous, fumed, cryst.-free	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;

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.
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	Colourless Liquid
Odour threshold	Not Measured
pH	No Established Limit
Melting point / freezing point	Not Measured
Initial boiling point and boiling range	No Established Limit (°C) No Established Limit(°F)
Flash Point	25 (°C) 77 (°F)
Evaporation rate (Ether = 1)	Not Measured
Flammability (solid, gas)	Not Applicable
	Lower Explosive Limit:

EGA885_A0

Upper/lower flammability or explosive limits

Upper Explosive Limit: No Established Limit

Vapour pressure (Pa)

Not Measured

Vapor Density

Heavier than air

Specific Gravity

1.07

Solubility in Water

Not Measured

Partition coefficient n-octanol/water (Log Kow)

Not Measured

Auto-ignition temperature

Not Measured

Decomposition temperature

Not Measured

Viscosity (cSt)

No Established Limit Not Measured

VOC %

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

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
Glass, oxide, chemicals - (65997-17-3)	No data available	No data available	No data available	No data available
Butanol - (71-36-3)	2,292.00, Rat - Category: 5	3,430.00, Rabbit - Category: 5	No data available	No data available
Propylene glycol monomethyl ether - (107-98-2)	5,000.00, Rat - Category: 5	13,000.00, Rabbit - Category: NA	No data available	No data available
2,4,6-Tri(dimethylaminomethyl)phenol - (90-72-2)	1,200.00, Rat - Category: 4	1,280.00, Rat - Category: 4	No data available	No data available
Silica, amorphous, fumed, cryst.-free - (112945-52-5)	3,160.00, Rat - Category: 5	No data available	No data available	No data available
Ethylene diamine - (107-15-3)	1,200.00, Rat - Category: 4	560.00, Rabbit - Category: 3	No data available	No data available

Item	Category	Hazard
------	----------	--------

EGA885_A0

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)	1	May cause allergy or asthma symptoms of breathing difficulties if inhaled.
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 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
Glass, oxide, chemicals - (65997-17-3)	Not Available	Not Available	Not Available
Butanol - (71-36-3)	1,376.00, Pimephales promelas	1,328.00, Daphnia magna	500.00 (96 hr), Scenedesmus subspicatus
Propylene glycol monomethyl ether - (107-98-2)	1,000.00, Oncorhynchus mykiss	500.00, Daphnia magna	1,000.00 (96 hr), Selenastrum capricornutum
2,4,6-Tri(dimethylaminomethyl)phenol - (90-72-2)	Not Available	Not Available	Not Available
Silica, amorphous, fumed, cryst.-free - (112945-52-5)	Not Available	Not Available	Not Available
Ethylene diamine - (107-15-3)	70.00, Fish (Piscis)	10.00, Daphnia magna	10.00 (72 hr), Selenastrum capricornutum

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.

EGA885_A0

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.
- 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.

EGA885_A0

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