Beissier | Asian Paints Crack Seal

SECTION 1 : IDENTIFICATION OF THE MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 PRODUCT IDENTIFIER: Asian Paints Crack Seal

1.2 RELEVANT IDENTIFIED USES AND USES ADVISED AGAINST: [X] Domestic [X] Professional [_] Industrial

Intended uses:
Putty.

Uses advised against:
As there is not classified as dangerous, this product can be used in ways other than the identified uses, but all uses have to be consistent with the safety guidelines provided.

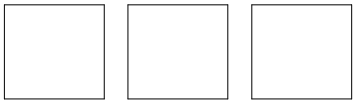
1.3 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET:
BEISSIER, S.A.U.
Txirrita Maleo, 14 - 20100 - Rentería (Guipúzcoa)
Phone: +34 902 100250 - Fax: +34 902 100249 - beissier.laboratorio@beissier.es

1.4 EMERGENCY TELEPHONE NUMBER: +34 902 100250 (8:00-13:00 / 14:30-17:00 h.) (working hours)

SECTION 2 : HAZARDS IDENTIFICATION

2.1 CLASSIFICATION OF THE MIXTURE:
This product is not considered dangerous. in accordance with Directive 1999/45/EC~2006/8/EC

2.2 LABEL ELEMENTS:



This product does not require pictograms, in accordance with Directive 67/548/EEC~2009/2/EC and 1999/45/EC~2006/8/EC

R-phrases:
None.

S-phrases:

S2	Keep out of reach of children.
S29	Do not empty into drains.
S37/39	Wear suitable gloves and protection for eyes.
S51	Use only in well-ventilated areas.

Dangerous ingredients:
None.

2.3 OTHER HAZARDS:
Not applicable.

SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS

3.1 CHEMICAL DESCRIPTION:
MIXTURE: Pigmented paste in aqueous media.

3.2 DANGEROUS INGREDIENTS:
Substances taking part in a percentage higher than the exemption limit:

< 0,025 %	2-octyl-2H-isothiazol-3-one	EC 247-761-7		Index No. 613-112-00-5
	T:R23/24 | Xn:R22 | C:R34 | R43 | N:R50-53	CAS 26530-20-1	ATP29	
< 0,025 %	2-bromo-2-nitropropane-1,3-diol	EC 200-143-0		Index No. 603-085-00-8
	Xn:R21/22 | Xi:R41-R37/38 | N:R50	CAS 52-51-7	ATP30	

For more information, see sections 8, 11, 12 and 16.

SECTION 4 : FIRST AID MEASURES

4.1 DESCRIPTION OF FIRST-AID MEASURES AND MAIN SYMPTOMS AND EFFECTS:



When in doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.

4.2

Route of exposure	Symptoms and effects, acute and delayed	Description of first-aid measures
INHALATION:	Inhalation of solvent vapours may produce headache, dizziness, fatigue, muscular weakness, drowsiness and, in extreme cases, unconsciousness.	Should there be any symptoms, transfer the person affected to the open air.
SKIN:	In case of prolonged contact, the skin may become dry.	Remove immediately contaminated clothing. Wash thoroughly the affected area with plenty of cold or lukewarm water and neutral soap, or use a suitable skin cleanser. Do not use solvents or thinners.
EYE:	Contact with the eyes produces redness and pain.	Remove contact lenses. Rinse eyes copiously by irrigation with plenty of clean, fresh water for at least 15 minutes, holding the eyelids apart, until the irritation is reduced. Call a physician immediately.
INGESTION:	If swallowed, may cause irritation of the throat, abdominal pain, drowsiness, nausea, vomiting and diarrhoea.	If swallowed, seek immediate medical attention. Do not induce vomiting, due to the risk of aspiration. Keep the patient at rest.

4.3 INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED:
Not available.

SECTION 5 : FIRE-FIGHTING MEASURES

5.1 EXTINGUISHING MEDIA:
In the case of fire in the surroundings, all extinguishing agents are allowed.

5.2 SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE:
As consequence of combustion or thermal decomposition, hazardous products may be produced: carbon monoxide, carbon dioxide. Exposure to combustion or decomposition products may be a hazard to health.

5.3 ADVICE FOR FIREFIGHTERS:
- Special protective equipment: Depending on magnitude of fire, heat-proof protective clothing may be required, appropriate independent breathing apparatus, gloves, protective glasses or face masks and boots.
- Other recommendations: Cool with water the tanks, cisterns or containers close to sources of heat or fire. Bear in mind the direction of the wind. Do not allow fire-fighting residue to enter drains, sewers or water courses.

SECTION 6 : ACCIDENTAL RELEASE MEASURES

6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:
Avoid direct contact with this product. Avoid breathing vapours.

6.2 ENVIRONMENTAL PRECAUTIONS:
Avoid contamination of drains, surface or subterranean water and soil. In the case of large scale spills or when the product contaminates lakes, rivers or sewages, inform the appropriate authorities in accordance with local regulations.

6.3 METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP:
Contain and mop up spills with absorbent materials (sawdust, earth, sand, vermiculite, diatomaceous earth, etc..). Avoid use of solvents. Keep the remains in a closed container.

6.4 REFERENCE TO OTHER SECTIONS:
For exposure controls and personal protection measures, see section 8.
For subsequent waste disposal, follow the recommendations in section 13.

SECTION 7 : HANDLING AND STORAGE

7.1 PRECAUTIONS FOR SAFE HANDLING:

Comply with the existing legislation on health and safety at work.

General recommendations:

Avoid any type of leakage or escape. Keep the container tightly closed.

Recommendations for the prevention of fire and explosion risks:

Not applicable.

Recommendations for the prevention of toxicological risks:

Do not eat, drink or smoke in application and drying areas. After handling, wash hands with soap and water. For exposure controls and personal protection measures, see section 8.

Recommendations for the prevention of environmental contamination:

It is not considered a danger to the environment. In the case of accidental spillage, follow the instructions indicated in section 6.

7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES:

Prevent unauthorized access. Keep out of reach of children. Keep away from sources of heat. If possible, avoid direct contact with sunlight. In order to avoid leakages, the containers, after use, should be closed carefully and placed in a vertical position. For more information, see section 10.1.

Class of store : According to current legislation.

Temperature interval : min: 5. ºC, max: 40. ºC

Incompatible materials:

Keep away from oxidixing agents, from strongly alkaline and strongly acid materials.

Type of packaging:

According to current legislation.

Limit quantity, in accordance with Directive 96/82/EC~2003/105/EC (Seveso III):

Not applicable.

7.3 SPECIFIC END USES:

For the use of this product do not exist particular recommendations apart from that already indicated.

SECTION 8 : EXPOSURE CONTROLS/PERSONAL PROTECTION 98/24/EC

8.1 CONTROL PARAMETERS:

Occupational Exposure Limit Values (TLV)	TLV-TWA		TLV-STEL		Year
AGCIH 2009	ppm	mg/m3	ppm	mg/m3	
2-octyl-2H-isothiazol-3-one		0.20		0.60	Internal value

TLV - Threshold Limit Value, TWA - Time Weighted Average, STEL - Short Term Exposure Limit.

Biological Limit Values:
Not available

Derived no-effect level (DNEL) for general population:
Not available

Predicted no-effect concentration (PNEC):
Not available

8.2 OCUPATIONAL EXPOSURE CONTROLS, DIRECTIVE 89/686/EEC:
Provide adequate ventilation. Where reasonably practicable, this should be achieved by the use of local exhaust ventilation and good general extraction.

Protection of respiratory system:
Avoid the inhalation of vapours.
- Mask: Advisable.

Protection of eyes and face:
Install emergency eye baths close to the working area.
- Goggles:
Safety goggles with suitable lateral protection (EN166).
- Face shield: No.

Protection of hands and skin:
Install emergency showers close to the working area. Barrier creams may help to protect the exposed areas of the skin. Barrier creams should not be applied once exposure has occurred.
- Gloves:
Gloves resistant against chemicals (EN374). The breakthrough time of the selected glove material should be in accordance with the pretended period of use. There are several factors (for example, temperature), they do in practice the period of use of a protective gloves resistant against chemicals is clearly lower than the established standard EN374. Due to the wide variety of circumstances and possibilities, we must have in mind the manual of instructions from manufacturers of gloves. The gloves should be immediately replaced when any sign of degradation is noted.
- Boots: No.
- Apron: No.
- Clothing: Advisable.

8.3 ENVIRONMENTAL EXPOSURE CONTROLS:
Avoid any spillage in the environment. Avoid any release into the atmosphere.
Spills on the soil: Prevent contamination of soil.
Spills in water: Do not allow to escape into drains, sewers or water courses.
Emissions to the atmosphere: Because of volatility, emissions to the atmosphere while handling and use may result. Avoid any release into the atmosphere.






SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES

9.1 INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES:

- Physical state	:	Paste.
- Colour	:	White.
- Odour	:	Characteristic.
- pH	:	Not available
- Melting point	:	Not applicable
- Boiling point	:	> 100. ºC at 760 mmHg
- Flash point	:	Not flammable
- Vapour pressure	:	17.5 mmHg at 20ºC
- Vapour pressure	:	12.3 kPa at 50ºC
- Specific gravity	:	1.2 ± 0.05 g/cc at 23ºC
- Solubility in water	:	Not available
- Autoignition temperature	:	Not applicable
- Decomposition temperature	:	> 200. ºC
- Viscosity	:	Not available

Explosive properties: Not applicable.
Oxidizing properties: Not applicable.

9.2 OTHER INFORMATION:

- Heat of combustion	:	2269. Kcal/kg
- VOC (supply)	:	2.4 % Weight
- VOC (supply)	:	28.7 g/l

The values indicated do not always coincide with the product specifications. The data for the product specifications can be found in the technical data sheet of the same. For additional information concerning physical and chemical properties related to safety and environment, see sections 7 and 12.

SECTION 10 : STABILITY AND REACTIVITY

10.1 REACTIVITY:
Not available.

10.2 CHEMICAL STABILITY:
Stable under recommended storage and handling conditions.

10.3 POSSIBILITY OF HAZARDOUS REACTIONS:
Possible dangerous reaction with acids, alkalis.

10.4 CONDITIONS TO AVOID:
- Heat: Keep away from sources of heat.
- Light: If possible, avoid direct contact with sunlight.
- Air: Not applicable.
- Pressure: Not applicable.
- Shock: Not applicable.

10.5 INCOMPATIBLE MATERIALS:
Keep away from oxidixing agents, from strongly alkaline and strongly acid materials.

10.6 HAZARDOUS DECOMPOSITION PRODUCTS:
As consequence of thermal decomposition, hazardous products may be produced: carbon monoxide.

SECTION 11 : TOXICOLOGICAL INFORMATION

No experimental toxicological data on the preparation is available. The toxicological classification for these preparation has been carried out by using the conventional calculation method of the Directive 1999/45/EC.

11.1 DOSE AND LETHAL CONCENTRATIONS

for individual ingredients :	DL50 Oral mg/kg	DL50 Cutaneous mg/kg	CL50 Inhalation mg/m3.4hours
2-octyl-2H-isothiazol-3-one	279. Rat	900. Rat 690. Rabbit	270. Rat
2-bromo-2-nitropropane-1,3-diol	254. Rat	1600. Rat	

11.2 TOXICOLOGICAL EFFECTS:
Routes of exposure: May be absorbed by inhalation of vapour, through the skin and by ingestion.
Short-term exposure: May irritate the eyes and skin.
Long-term or repeated exposure: Repeated or prolonged contact may cause removal of natural fat from the skin, resulting in non-allergic contact dermatitis and absorption through the skin.

SECTION 12 : ECOLOGICAL INFORMATION

No experimental ecotoxicological data on the preparation as such is available. The ecotoxicological classification for these preparation has been carried out by using the conventional calculation method of the Directive 1999/45/EC.

12.1 ECOTOXICITY:

for individual ingredients :	CL50 (OECD 203) mg/l.96hours		CE50 (OECD 202) mg/l.48hours		CE50 (OECD 201) mg/l.72hours	
2-octyl-2H-isothiazol-3-one	0.16	Fishes	0.42	Daphnia	0.084	Algae
2-bromo-2-nitropropane-1,3-diol	36.	Fishes	1.4	Daphnia	0.40	Algae

12.2 PERSISTENCE AND DEGRADABILITY:
Not available.

12.4 BIOACCUMULATIVE POTENTIAL:
Not available.

12.4 MOBILITY:
Not available.
VOC (industrial installations): If this product is used in an industrial installation, it must be verified if it is applicable the Directive 1999/13/EC, on the limitation of emissions of volatile compounds due to the use of organic solvents in certain activities and installations: Solvents : 2.4% Weight , VOC (supply) : 2.4% Weight , VOC : 1.3% C (expressed as carbon) , Molecular weight (average) : 135.9 , Number C atoms (average) : 6.3.

12.5 RESULTS OF PBT AND MPMB ASSESMENT, IN ACCORDANCE WITH ANNEX XIII OF REGULATION (EC) NO. 1907/2006:
Not available.

12.6 OTHER ADVERSE EFFECTS:
Ozone depletion potential: Not available.
Photochemical ozone creation potential: Not available.
Earth global warming potential: Not available.
Endocrine disrupting potential: Not available.

SECTION 13 : DISPOSAL CONSIDERATIONS

13.1 WASTE TREATMENT METHODS, DIRECTIVE 75/442/EEC~91/156/EC:
Take all necessary measures to prevent the production of waste whenever possible. Analyse possible methods for revaluation or recycling. Do not discharge into drains or the environment, dispose of at an authorised waste collection point. Waste should be handled and disposed of in accordance with current local and national regulations. For exposure controls and personal protection measures, see section 8.

DISPOSAL OF EMPTY CONTAINERS, DIRECTIVE 94/62/EC~2004/12/EC:
Emptied containers and packaging should be disposed of in accordance with currently local and national regulations.

PROCEDURES FOR NEUTRALISING OR DESTROYING THE PRODUCT:
Authorised landfill in accordance with local regulations.

SECTION 14 : TRANSPORT INFORMATION

14.1	TRANSPORT BY ROAD (ADR 2011): TRANSPORT BY RAIL (RID 2011): Free
14.2	TRANSPORT BY SEA (IMDG 34-08): Free
14.3	TRANSPORT BY AIR (ICAO/IATA 2010): Free
14.4	TRANSPORT BY INLAND WATERWAYS (ADN): Not available.
14.5	ENVIRONMENTAL HAZARDS: Not applicable.
14.6	SPECIAL PRECAUTIONS FOR USER: Not available.
14.7	TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL 73/78 AND THE IBC CODE: Not applicable.

SECTION 15 : REGULATORY INFORMATION

15.1	EU SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC: Pre-registration REACH: All ingredients of this preparation, are included in the list of pre-registered substances, published by the 'European chemicals agency' (ECHA), in accordance with Article 28 of Regulation (EC) no. 1907/2006. Additional information: http://apps.echa.europa.eu/preregistered/pre-registered-sub.aspx Substances SVHC subject to authorisation, included in Annex XIV of Regulation (EC) no. 1907/2006: None Substances SVHC candidate to be included in Annex XIV of Regulation (EC) no. 1907/2006: None RESTRICTIONS: Restrictions on manufacture, placing on market and use, according to Annex XVII of Regulation (EC) No. 1907/2006: Not applicable. Recommended restrictions on use: Not applicable. OTHER REGULATIONS: Not available
15.2	CHEMICAL SAFETY ASSESSMENT: Not available.

SECTION 16 : OTHER INFORMATION

16.1 TEXT OF THE PHRASES AND NOTES REFERENCED IN SECTIONS 2 ans/or 3:
R-phrases according the Directive 67/548/EEC~2001/59/EC (DSD), Annex III:
R22 Harmful if swallowed. R34 Causes burns. R41 Risk of serious damage to eyes. R43 May cause sensitization by skin contact. R50 Very toxic to aquatic organisms. R21/22 Harmful in contact with skin and if swallowed. R23/24 Toxic by inhalation and in contact with skin. R37/38 Irritating to respiratory system and skin. R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

16.2 MAIN LITERATURE REFERENCES AND SOURCES FOR DATA:
· European Chemicals Bureau: Existing Chemicals, http://ecb.jrc.ec.europa.eu/esis/
· Industrial Solvents Handbook, Ibert Mellan (Noyes Data Co., 1970).
· Threshold Limit Values, (AGCIH, 2009).

16.3 MATERIAL SAFETY DATA SHEET REGULATIONS:
Material Safety Data Sheet in accordance with Annex I of Regulation (EU) No. 453/2010.

16.4 HISTORY:
Version: Provisional
Date of issue: 16/01/2012

16.5 The information of this Material Safety Data Sheet, is based on the present state of knowledge and on current UE and national laws, as the users' working conditions are beyond our knowledge and control. The product is not to be used for other purposes than those specified, without first obtaining written handling instruction. It is always the responsibility of the user to take all necessary steps in order to fulfil the demand laid down in the local rules and legislation. The information in this Material Safety Data Sheet is meant as a description of the safety requirements of the product and it is not to be considered as a guarantee of the product's properties.