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D'OKACRIL MOULD-RESISTANT

SAFETY DATASHEET

According to 1907/2006/EC (REACH), 453/2010/EC

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SECTION 1.- PRODUCT AND COMPANY IDENTIFICATION

Trade mark	D'okacril mould-resistant (Elastic coating with mould-resistant additive)		
REACH (registration number)	0090208		
Application of the substance / the preparation	Paint		
Producer	PINTURAS PIMASA, S.L.	Address	Polígono Industrial Campollano, Calle D,43 02006 Albacete España
Contact	Telephone	Fax	Email
www.pinturaspimasa.com	+34 967218528	+34 97220808	gerente@pinturaspimasa.com

SECTION 2.- HAZARDS IDENTIFICATION

Classification of the substance or the mixture	According to regulation CE 1272/2008 (CLP). Aquatic Chronic 3. Harmful to aquatic organisms, may cause long-term adverse effects in aquatic environments
Classification	
Label features	
Symbols	None
Hazard advice	H412. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environments
Safety measures	P273. Do not allow to reach the environment. P501. Recycle product/packaging according to official regulation.
Special regulations	None
Contains	EUH208. 2-octhyl-2H-isothiazole-3-ona. May produce allergical reactions
Other hazards	Not relevant

SECTION 3.- COMPOSITION / INFORMATION ON INGREDIENTS

Chemical features	
Description	Semi-satin waterproof elastic coating based on acrylic copolymers in emulsion with weather-proof and light fast additives.
Hazardous substances contained	According to Annex II of Regulation CE 1907/2006 (Annex II. Step 3), this product contains

Description	Chemical denomination / Classification	Concentration
CAS: 330-54-1	Diuron ATP ATP01	

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CE: 206-354-4 Index: 006-015-00-9 REACH 01-2119517622-45-XXXX	Regulation 1272/2008	Acute Tox.4: H302; Aquatic Acute 1: H400; Aquatic Chronic 1: H410; Carc.2: H351; STOT RE 2: H373-Warning		<0.1%
CAS 26530-20-1 CE 247-761-7 Index: 613-112-00-5 REACH: Not applicable	2-octyl-2h-isothiazole-3-ona Regulation 1272/2008	Acute Tox. 3: H311+H331; Acute Tox.4: H302; Aquatic Acute 1: H400; Aquatic Chronic 1:H410; Skin Corr. 1B: H314; Skin Sens. 1: H317 – Danger	ATP CLP00 	<0.1%
CAS: 55965-84-9 CE: Not applicable Index: 613-167-00-5 REACH: Not applicable	Mixture: 5-chloro-2-methyl-2H-isothiazole-3-ona (EC 245-500-7), 2-methyl-2H-isothiazole-3-ona (EC 220-239-6) (3.1) Regulation 1272/2008	Acute Tox. 3:H301+H311+H331; Aquatic Acute 1: H400; Aquatic Chronic 1: H410; Skin Corr. 1B: H314; Skin Sens. 1: H317 – Danger	ATP CLP00 	<0.1%

Additional information	See Section 16
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SECTION 4.- FIRST AID MEASURES

General information	Symptoms may appear sometime after exposure to this product. In case of doubt, direct exposure to the product or persistent malaise, seek after medical assistance and show the product's safety datasheet.
In case of inhalation	Supply fresh air. Seek medical treatment in case of perturbation
In case of Skin contact	Contact with skin does not cause irritation.
In case of eye contact	Rinse the eyes under the tap for several minutes keeping them wide open.
In case of ingestión	Rinse out mouth and throat, since they may have been affected, keep the person affected resting, keep the head leaning down to avoid aspiration, do not induce vomit.

SECTION 5.- FIREFIGHTING MEASURES

Appropriate extinguishing media	Not inflammable under usual storage, handling or usage conditions. Use CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
Protective equipment	Wearing self-contained respiratory protective equipment might be necessary.

SECTION 6.- ACCIDENTAL RELEASE MEASURES

Safety precautions for people	Not necessary
Measures for environmental protection	Do not allow spills in water environments. Prevent spills from entering putters on contaminate water. In case this happens report immediately to the authorities. Dilute with plenty of water. Avoid pollution in sewers water streams/surface or underground water.
Cleaning up / collecting methods	Hold and collect with absorbent material (e.g.. sand, soil, vermiculite, diatomite, sawdust)

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Additional information	No dangerous substances are emitted.
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SECTION 7.- HANDLING and STORAGE

Handling	
Precautions for safe handling	Follow existing legislation on workplace hazards prevention
Precautions for fire and explosion protection	No special measures required
Storage	
Requirements to warehouses and containers	No special measures
Information about storage in combined storage facilities	Not required
Further information for storage conditions	Operate in safety areas for environment protection. Always get absorbent material available.

SECTION 8.- EXPOSURE CONTROL PARAMETERS

Additional information about design of technical facilities	No further data. See Section 7.
Ingredients with admissible limit values that require monitoring at the workplace	

Products which require to be monitoring at the workplace. (INSHT 2015). Professional exposure limit.

Identification	Environmental limits value
Diuron	VLA-ED: 10mg/m ³
CAS: 330-54-1	VLA-EC
CE: 206-354-4	2015

DNEL (workers)

Identification		Short exposure		Long exposure	
		Systemic	Local	Systemic	Local
Diuron CAS: 330-54-1 CE: 206-354-4	Oral	Not relevant	No	Not relevant	No
	Skin	Not relevant	No	5,79 mg/kg	No
	Inhalation	Not relevant	No	0,17 mg/m ³	No

DNEL (population) Not relevant

PNEC

Identification	STP	Ground	Intermittent	Oral
Diuron CAS: 330-54-1 CE: 206-354-4	58 mg/L	0,012 mg/kg	0,000022 mg/L	No further data
	Fresh water	Sea water	Sediment (fresh water)	Sediment (Sea water)
	0,00032 mg/L	0,000032 mg/L	0,05172 mg/kg	0,005172 mg/kg

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Additional information	The valid list during the making were used as basis
Personal protective equipment	
General protective and hygienic measures	Safety measures for handling chemicals must be followed
Respiratory protection	Not required but the use of face masks is recommended.
Protection of hands	Protective gloves. The glove material has to be impermeable and resistant to the product/substance/preparation. No evidence leads to any special recommendation to choose materials for the gloves. The gloves materials are selected taking into account the penetration times, rates of diffusion and degradation
Material of gloves	Suitable gloves must be selected on the basis of both the materials they are made of and their quality characteristics, and there may be different among producers. This product contains several substances that prevent evaluation in advance of glove materials resistance. Thus, it is recommended testing gloves before use.
Penetration lapse of protection gloves	The exact penetration lapse of the gloves has to be found out by the manufacturer of the protective gloves and has to be observed.
Eye protection	The use of protective glasses when transferring the product is recommended

V.O.C. Volatile Organic Compounds	R.D. 117/2003 EC 2010/75
Product properties	
V.O.C. Supply	0,03% weight
V.O.C. Concentration 20°C	0,52 kg/m ³ (0,52 g/L)
Average carbon	3,22
Average molecular weight	98,78 g/mol

V.O.C. Volatile Organic Compound	R.D. 227/2006 EC 2004/42
Product properties ready to use	
V.O.C. Concentration 20°C	6,11 kg/m ³ (6,11 g/L)
EC Value limit (Cat. A.E)	40 g/L
Components	Not relevant

SECTION 9.- PHYSICAL and CHEMICAL PROPERTIES

General information	
Appearance	Fluid
Colour	White
Odour	Characteristic

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Change in condition	
Melting point / Melting range	Undetermined
Boiling point / Boiling range	100° C
Flash point	>61° C
Auto-ignition temperature	This product is not self-ignitable
Explosive properties	This product does not present an explosion hazard
Vapour pressure at 20°C	23.00 hPa
Density at 20°C	1.584 g/cm3
Solubility in / Miscibility with water	Fully miscible
pH-value at 20°C	9.0
Content of solids	64.7%

SECTION 10.- STABILITY and REACTIVITY

Decomposition temperature / conditions to avoid	No decomposition if used according to specifications
Hazardous reactions	No hazardous reactions known
Hazardous decomposition products	No hazardous decomposition products known

SECTION 11.- TOXICOLOGICAL INFORMATION

Acute toxicity	EUH208. Chloromethylisothiazolinone content. May produce an allergic reaction.		
Primary irritant effect			
Skin corrosion/irritation	No irritant effect known		
Serious eye damage/irritation	No irritant effect known		
Respiratory or skin sensitisation	No sensitising effects known		
Specific toxicological data of substances			
	Identification	Toxicity	Sort
	Diuron	DL50 oral. 1017 mg/kg	Rat
	CAS: 330-54-1	DL50 skin. Irrelevant	
	CE: 206-354-4	CL50 inhalation. Irrelevant	
	Mixture:		
	5-Chlorine-2-methyl-2H-isothiazole-3-ona(EC247/500/7),2-methyl-2H-isothiazolel-3-ona (EC220/239/6 [3.1])	DL50 oral. 100 mg/kg	Rat
	CAS: 55965-84-9	DL50 skin. 300 mg/kg	Rat

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CE: None

CL50 inhalation. Irrelevant

SECTION 12.- ECOLOGICAL INFORMATION

TOXICITY

Identification	Acute toxicity	Species	Sort
Diuron CAS: 330-54-1 CE: 206-354-4	CL50: 6,6 mg/L (96 h)	Leuciscus idus	Fish
	CE50: 1,4 mg/L (48 h)	Daphnia magna	Crustacean
	CE50: 0,022 mg/L (96 h)	Scenedesmus subspicatus	Green Algae
2-octyl-2H-isothiazolel-3-ona CAS: 26530-20-1 CE: 247-761-1	CL50: 0,1-1 mg/L (96 h)	Leuciscus idus	Fish
	CE50: 0,1-1 mg/L	Daphnia magna	Crustacean
	CE50: 0,1-1 mg/L	Scenedesmus subspicatus	Green Algae
Mixture: 5-Chlorine-2-methyl-2H-isothiazole-3-ona(EC247/500/7),2-methyl-2H-isothiazolel-3-ona (EC220/239/6 [3.1]) CAS: 55965-84-9 CE: None	CL50: 0,1-1 mg/L (96h)	Leuciscus idus	Fish
	CE50: 0,1-1 mg/L	Daphnia magna	Crustacean
	CE50: 0,1-1 mg/L	Scenedesmus subspicatus	Green Algae

PERSISTENCE AND DEGRADABILITY

Identification	Degradability	Biodegradability
Diuron CAS: 330-54-1 CE: 206-354-4	DB05: Not relevant	Concentration: 100 mg/L
	DQ0. Not relevant	Period: 28 days
	DB05/DQ0: Not relevant	% biodegraded: 0%

BIOACCUMULATIVE POTENTIAL

Identification	Bioaccumulative potential
Diuron CAS: 330-54-1 CE: 206-354-4	BCF: 64
	Log POW: 2,68
	Potential: Moderate

Other adverse effects

Undescribed

SECTION 13.- DISPOSAL CONSIDERATIONS

Product recommendation	Disposal must be made according to official regulations
European waste catalogue Code	08 01 11
Description	Waste paint and varnish which contain thin, dangerous substances
Type of waste. EC 1357/2014	Dangerous. HP14. Ecotoxic
Waste management (Disposal & Valuation)	Apply CE 2008/98 Annexes 1 and 2. Contact authorized waste management. According EC 2014/995 Code 15 01, if packaging has been contaminated with the

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Legal disposal considerations	product, act similarly. Do not allow the product mix with sewers, surface or underground water. See CE 1907/2006 (REACH), CE 2008/98, CE 2014/955, CE1357/2014 and Spanish Law 22/2011
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SECTION 14.- TRANSPORT INFORMATION

Land transport.	ADR/RID and GGVS/E type	-
ADR/RID and GGVS/GGVE (International/Domestic)	ADR/RID and GGVS/E type	-
Maritime transport		
IMDG/GGVSee	IMDG type	-
	Marine pollution	No
Air transport		
ICAO-TI and IATA-DGR	ICAO-IATA type	-

SECTION 15.- REGULATORY INFORMATION

Safety, health and environment regulations for substance/mixture CE 528/2012	Contain an additive to keep the properties of the product
	2-octyl-2H-isothiazole-3-ona
	Carbendazim (ISO)
	Diuron
	5-Chlorine-2-methyl-2H-isothiazole-3-ona(EC 247/500/7)
	2-methyl-2H-isothiazole-3-ona (EC 220/239/6 [3.1])
	Etilendoxi
Dimetanol	

List of substances subject to authorisation CE 1907/2006 (REACH)	Not relevant
Substance added in Annex XIV (REACH) and expiration date	Not relevant
CE 1005/2009 on substances that deplete the ozone layer	Not relevant

Active substance not approved according to CE 528/2012 Art. 9	Diuron (excluded for product type 6, 21)
	2-octyl-2H-isothiazole-3-ona (excluded for products types 4, 8, 12)
	Mixture: 5-Chlorine-2-methyl-2H-isothiazole-3-ona (EC 247/500/7)
	2-methyl-2H-isothiazole-3-ona (EC 220/239/6 [3.1]) Excluded for product types 3, 7, 9, 10.

CE 649/2012 concerning the export and import of hazardous chemicals	Not relevant
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Restrictions on the manufacture, putting on the market and use of certain dangerous substances, preparations and articles	Not relevant
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Annex XVII (REACH)	
Special regulation on people and environment protection	The information in this datasheet should be used as safety data for an evaluation of local circumstances risks in order to specify necessary risk prevention measures for handling, use, storage and disposal of this product.
Other legislations	CE 1272/2008 on classification, labelling and packaging of substances and mixtures - amending and repealing Directive 67/548/EEC and 1999/45/EC, and Regulation (EC) No 1907/2006.
	Real Decreto. 117/2003
	Real Decreto. 1436/2010
Safety datasheet content	CE 1907/2006, CE 453/2010
Relevant R-phrases	P101: In case of seeking medical advice, keep close packaging or labelling
	P102: Keep out of the reach of children
	P103: Read label before use
	P501: Recycling product/packaging according to official regulation
	P273: Do not allow the product to reach sewers, surface or underground water.

SECTION 16.- OTHER INFORMATION

Issued by	PINTURAS PIMASA, S.L.
Contact	See Section 1

The information in this Safety datasheet is the result of current technical knowledge, based on national legislation and CE Directives. The product must not be used for purposes other than those referred to in the technical datasheet. It is always the responsibility of the user to make the necessary measures to fulfill the requirements of current legislation.

The information in this Safety datasheet means only a description about the product safety requirements and it should not be considered as a guarantee of its properties.