GNOCCH	H ECO- SPRAY S.R.L.	Revision nr. 5 Dated 22/02/2016
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V400P RIMER - St	inace treatment enamer 400 mi	Page n. 1/14
	Safety data sheet	
SECTION 1. Identification of the	substance/mixture and of the company/u	undertaking
1.1. Product identifier		
Code:	V400PRIMER	
Product name	Smalto Acrilico Trattamento Superfici 400 ml Pri	mer and Past
Chemical name and synonym	vernice in aerosol	
1.2. Relevant identified uses of the substan Intended use Paint in aeros		
1.3. Details of the supplier of the safety data	a sheet	
Name	GNOCCHI ECO- SPRAY S.R.L.	
Full address	Via per Pavone del Mella sn	
District and Country	25020 Cigole (BS) Italia	
	Tel. +39 030 9959674	
	Fax +39 030 959265	
a mail address of the competent person		
e-mail address of the competent person		
responsible for the Safety Data Sheet	info@gnocchiecospray.com	
	info@gnocchiecospray.com CENTRO ANTIVELENI Ospedale Niguarda tel: +3	9 02 66101029
responsible for the Safety Data Sheet 1.4. Emergency telephone number	CENTRO ANTIVELENI Ospedale Niguarda tel: +3	9 02 66101029
responsible for the Safety Data Sheet 1.4. Emergency telephone number For urgent inquiries refer to	CENTRO ANTIVELENI Ospedale Niguarda tel: +3 ON.	9 02 66101029

The product is classified as hazardous pursuant to the provisions set forth in EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements). The product thus requires a safety datasheet that complies with the provisions of EC Regulation 1907/2006 and subsequent amendments. Any additional information concerning the risks for health and/or the environment are given in sections 11 and 12 of this sheet.

Hazard classification and indication:	H222	Extremely flammable aerosol.
Aerosol, category 1	H229	Pressurised container: may burst if heated.
Eye irritation, category 2	H319	Causes serious eye irritation.
Specific target organ toxicity - single exposure, category 3	H336	May cause drowsiness or dizziness.

2.2. Label elements.

Hazard labelling pursuant to EC Regulation 1272/2008 (CLP) and subsequent amendments and supplements.



Danger

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Hazard statements:

H222	Extremely flammable aerosol.
H229	Pressurised container: may burst if heated.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
EUH066	Papeated expegure may cause gkin drypped or gradking.
EUH066	Repeated exposure may cause skin dryness or cracking.

Precautionary statements:

P210 P211 P251 P264 P280 P304+P340 P312 P410+P412	 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. Wash thoroughly after handling. Wear eye protection / face protection. IF INHALED: remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER / doctor / / if you feel unwell. Protect from sunlight. Do no expose to temperatures exceeding 50°C / 122°F.
Contains:	ACETONE METHYL ACETATE

2.3. Other hazards.

On the basis of available data, the product does not contain any PBT or vPvB in percentage greater than 0,1%.

SECTION 3. Composition/information on ingredients.

3.1. Substances.

Information not relevant.

3.2. Mixtures.

Contains:

Identification.	Conc. %.	Classification 1272/2008 (CLP).
ACETONE		
CAS. 67-64-1	40 - 42,5	Flam. Liq. 2 H225, Eye Irrit. 2 H319, STOT SE 3 H336, EUH066
EC. 200-662-2		
INDEX. 606-001-00-8		
BUTANE		
CAS. 106-97-8	19,5 - 21	Flam. Gas 1 H220, Note C U
EC. 203-448-7		
INDEX. 601-004-00-0		
PROPANE		
CAS. 74-98-6	19,5 - 21	Flam. Gas 1 H220, Note U
EC. 200-827-9		
INDEX. 601-003-00-5		

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METHYL ACETATE			
CAS. 79-20-9	12 - 13,5	Flam. Liq. 2 H225, Eye Irrit. 2 H319, STOT SE 3 H336, EUH066	
EC. 201-185-2		2011000	
INDEX. 607-021-00-X			
XYLENE (MIXTURE OF ISOMERS)			
CAS. 1330-20-7	5 - 6	Flam. Liq. 3 H226, Acute Tox. 4 H312, Acute Tox. 4 H332, Skin Irrit. 2 H315, Note C	
EC. 215-535-7			
INDEX. 601-022-00-9			
2-BUTOXYETHANOL			
CAS. 111-76-2	3 - 3,5	Acute Tox. 4 H302, Acute Tox. 4 H312, Acute Tox. 4 H332, Eye Irrit. 2 H319, Skin Irrit. 2 H315	
EC. 203-905-0			
INDEX. 603-014-00-0			

Note: Upper limit is not included into the range.

The full wording of hazard (H) phrases is given in section 16 of the sheet.

SECTION 4. First aid measures.

4.1. Description of first aid measures.

EYES: Remove contact lenses, if present. Wash immediately with plenty of water for at least 15 minutes, opening the eyelids fully. If problem persists, seek medical advice.

SKIN: Remove contaminated clothing. Wash immediately with plenty of water. If irritation persists, get medical advice/attention. Wash contaminated clothing before using it again.

INHALATION: Remove to open air. In the event of breathing difficulties, get medical advice/attention immediately.

INGESTION: Get medical advice/attention. Induce vomiting only if indicated by the doctor. Never give anything by mouth to an unconscious person, unless authorised by a doctor.

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

For symptoms and effects caused by the contained substances, see chap. 11.

4.3. Indication of any immediate medical attention and special treatment needed.

Information not available.

SECTION 5. Firefighting measures.

5.1. Extinguishing media.

SUITABLE EXTINGUISHING EQUIPMENT

The extinguishing equipment should be of the conventional kind: carbon dioxide, foam, powder and water spray.

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UNSUITABLE EXTINGUISHING EQUIPMENT

None in particular.

5.2. Special hazards arising from the substance or mixture.

HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE

If overheated, aerosol cans can deform, explode and be propelled considerable distances. Put a protective helmet on before approaching the fire. Do not breathe combustion products.

5.3. Advice for firefighters.

GENERAL INFORMATION

Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear.

SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS

Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).

SECTION 6. Accidental release measures.

6.1. Personal precautions, protective equipment and emergency procedures.

Eliminate all sources of ignition (cigarettes, flames, sparks, etc.) from the leakage site. Send away individuals who are not suitably equipped. Wear protective gloves / protective clothing / eye protection / face protection.

6.2. Environmental precautions.

Do not disperse in the environment.

6.3. Methods and material for containment and cleaning up.

Use inert absorbent material to soak up leaked product. Make sure the leakage site is well aired. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.

6.4. Reference to other sections.

Any information on personal protection and disposal is given in sections 8 and 13.

SECTION 7. Handling and storage.

7.1. Precautions for safe handling.

Avoid bunching of electrostatic charges. Do not spray on flames or incandescent bodies. Vapours may catch fire and an explosion may occur; vapour accumulation is therefore to be avoided by leaving windows and doors open and ensuring good cross ventilation. Do not eat, drink or smoke during use. Do not breathe spray.

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7.2. Conditions for safe storage, including any incompatibilities.

Store in a place where adequate ventilation is ensured, away from direct sunlight at a temperature below 50°C/122°F, away from any combustion sources.

7.3. Specific end use(s).

Information not available.

SECTION 8. Exposure controls/personal protection.

8.1. Control parameters.

Regulatory References:

DEU	Deutschland	MAK-und BAT-Werte-Liste 2012
ESP	España	INSHT - Límites de exposición profesional para agentes químicos en
		España 2015
FRA	France	JORF n°0109 du 10 mai 2012 page 8773 texte n° 102
GRB	United Kingdom	EH40/2005 Workplace exposure limits
ITA	Italia	Decreto Legislativo 9 Aprile 2008, n.81
POL	Polska	ROZPORZĄDZENIE MINISTRA PRACY I POLITYKI SPOŁECZNEJ z dnia 16 grudnia 2011r
EU	OEL EU	Directive 2009/161/EU; Directive 2006/15/EC; Directive 2004/37/EC; Directive 2000/39/EC.
	TLV-ACGIH	ACGIH 2014

ACETONE Threshold Limit Value

Threshold Limit Value.						
Туре	Country	TWA/8h		STEL/15min		
		mg/m3	ppm	mg/m3	ppm	
AGW	DEU	1200	500	2400	1000	
MAK	DEU	1200	500	2400	1000	
VLA	ESP	1210	500			
VLEP	FRA	1210	500	2420	1000	
WEL	GRB	1210	500	3620	1500	
TLV	ITA	1210	500			
NDS	POL	600		1800		
OEL	EU	1210	500			
TLV-ACGIH		1187	500	1781	750	

PROPANE

Threshold Limit Value.					
Туре	Country	TWA/8h		STEL/15min	
		mg/m3	ppm	mg/m3	ppm
AGW	DEU	1800	1000	7200	4000
MAK	DEU	1800	1000	7200	4000
NDS	POL	1800			
TLV-ACGIH			1000		

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BUTANE							
Threshold Limit Value. Type	Country	TWA/8h		STEL/15min			
	,	mg/m3	ppm	mg/m3	ppm		
AGW	DEU	2400	1000	9600	4000		
MAK	DEU	2400	1000	9600	4000		
VLA	ESP	2400	800	3000	4000		
VLEP	FRA	1900	800				
WEL	GRB	1450	600	1810	750		
NDS	POL	1900	000	3000	750		
	FUL	1900			1000		
TLV-ACGIH				2377	1000		
METHYL ACETATE							
Threshold Limit Value.							
Туре	Country	TWA/8h		STEL/15min			
		mg/m3	ppm	mg/m3	ppm		
AGW	DEU	610	200	2440	800		
MAK	DEU	310	100	1240	400		
VLA	ESP	616	200	770	250		
VLEP	FRA	610	200	760	250	SKIN.	
WEL	GRB	616	200	770	250		
NDS	POL	250		600			
LV-ACGIH		606	200	757	250		
YLENE (MIXTURE OF IS)	OMERS)						
Гуре	Country	TWA/8h		STEL/15min			
		mg/m3	ppm	mg/m3	ppm		
AGW	DEU	440	100	880	200	SKIN.	
IAK	DEU	440	100	880	200	SKIN.	
/LA	ESP	221	50	442	100	SKIN.	
VLEP	FRA	221	50	442	100	SKIN.	
WEL	GRB	220	50	441	100		
TLV	ITA	221	50	442	100	SKIN.	
NDS	POL	100					
OEL	EU	221	50	442	100	SKIN.	
TLV-ACGIH		434	100	651	150		
2-BUTOXYETHANOL							
Threshold Limit Value.	Country	TWA/8h		STEL/15min			
Турс	Country		nnm				
	DEU	mg/m3 49	ppm 10	mg/m3 196	40	SKIN.	
AGW	DEU	49 49	10	98		SKIN. SKIN.	
MAK					20		
VLA	ESP	98	20	245	50	SKIN.	
VLEP	FRA	49	10	246	50	SKIN.	
		400					
WEL	GRB	123	25	246	50	SKIN.	
VEL	GRB	123	25	246	50	SKIN.	

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TLV	ITA	98	20	246	50	SKIN.	
NDS	POL	98		200			
OEL	EU	98	20	246	50	SKIN.	
TLV-ACGIH		97	20				
C) = CEILING ; INHA	AL = Inhalable Fract	ion ; RESP =	Respirable Frac	ction ; THORA	= Thoracic Fra	ction.	
C) = CEILING ; INH/ LV of solvent mixture:		ion ; RESP =	Respirable Frac	ction ; THORA	= Thoracic Fra	ction.	
,	625 mg/m3.	ion ; RESP =	Respirable Frac	ction ; THORA	= Thoracic Fra	ction.	
LV of solvent mixture: 8.2. Exposure contro	625 mg/m3. D Is. e technical equipme	nt must always	take priority ov	er personal prote	ective equipme	ction. nt, make sure that the workplace is we lies with applicable standards.	ell aire

HAND PROTECTION None required.

SKIN PROTECTION

Wear category I professional long-sleeved overalls and safety footwear (see Directive 89/686/EEC and standard EN ISO 20344). Wash body with soap and water after removing protective clothing.

EYE PROTECTION Wear airtight protective goggles (see standard EN 166).

RESPIRATORY PROTECTION

If the threshold value (e.g. TLV-TWA) is exceeded for the substance or one of the substances present in the product, a mask with a type AX filter combined with a type P filter should be worn (see standard EN 14387). Respiratory protection devices must be used if the technical measures adopted are not suitable for restricting the worker's exposure to the threshold values considered. The protection provided by masks is in any case limited.

ENVIRONMENTAL EXPOSURE CONTROLS.

The emissions generated by manufacturing processes, including those generated by ventilation equipment, should be checked to ensure compliance with environmental standards.

SECTION 9. Physical and chemical properties.

9.1. Information on basic physical and chemical properties.

Appearance	aerosol
Colour	various
Odour	characteristic of solvent
Odour threshold.	n.a.
pH.	n.a.
Melting point / freezing point.	Not available.
Initial boiling point.	> Not applicable.
Boiling range.	Not available.
Flash point.	< Not applicable.
Evaporation Rate	n.a.
Flammability of solids and gases	flammable gas

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Lower inflammability limit. Not available. Upper inflammability limit. Not available. Lower explosive limit. Not available. Upper explosive limit. Not available Vapour pressure. Not available. Vapour density n.a. Relative density. 0,75 - 0,80 g/ml Solubility insoluble in water Partition coefficient: n-octanol/water na Auto-ignition temperature. Not available. Decomposition temperature. n.a. Viscosity n.a. not applicable Explosive properties not applicable Oxidising properties

9.2. Other information.

Molecular weight.	61,419	
VOC (Directive 2010/75/EC) :	100,00 % - 683,68 g/l	itre.
VOC (volatile carbon) :	69,82 % - 477,33 g/lit	re.

SECTION 10. Stability and reactivity.

10.1. Reactivity.

There are no particular risks of reaction with other substances in normal conditions of use.

2-BUTOXYETHANOL: decomposes in the presence of heat. ACETONE: decomposes under the effect of heat.

10.2. Chemical stability.

The product is stable in normal conditions of use and storage.

10.3. Possibility of hazardous reactions.

No hazardous reactions are foreseeable in normal conditions of use and storage.

XYLENE (MIXTURE OF ISOMERS): stable, but may develop violent reactions in the presence of strong oxidising agents such as sulphuric and nitric acids and perchlorates. May form explosive mixtures with the air.

2-BUTOXYETHANOL: can react dangerously with: aluminium, oxidising agents. Forms peroxide with air.

ACETONE: risk of explosion on contact with: bromine trifluoride, difluoro dioxide, hydrogen peroxide, nitrosyl chloride, 2-methyl-1,3 butadiene, nitromethane, nitrosyl perchlorate. Can react dangerously with: potassium tert-butoxide, alkaline hydroxides, bromine, bromoform, isoprene, sodium, sulphur dioxide, chromium trioxide, chromyl chloride, nitric acid, chloroform, peroxymonosulphuric acid, phosphoryl chloride, chromosulphuric acid, fluorine, strong oxidising agents. Develops flammable gases with nitrosyl perchlorate.

10.4. Conditions to avoid.

Avoid overheating.

2-BUTOXYETHANOL: avoid exposure to sources of heat and naked flames. ACETONE: avoid exposure to sources of heat and naked flames.

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10.5. Incompatible materials.

Strong reducing or oxidising agents, strong acids or alkalis, hot material.

ACETONE: acid and oxidising substances.

10.6. Hazardous decomposition products.

2-BUTOXYETHANOL: hydrogen. ACETONE: ketenes and other irritating compounds.

SECTION 11. Toxicological information.

11.1. Information on toxicological effects.

In the absence of experimental data for the product itself, health hazards are evaluated according to the properties of the substances it contains, using the criteria specified in the applicable regulation for classification. It is therefore necessary to take into account the concentration of the individual hazardous substances indicated in section 3, to evaluate the toxicological effects of exposure to the product.

Acute effects: stinging eyes. Symptoms may include: rubescence, edema, pain and lachrymation. Ingestion may cause health problems, including stomach pain and sting, nausea and sickness.

This product contains highly volatile substances, which may cause serious depression of the central nervous system (CNS) and have negative effects, such as drowsiness, dizziness, slow reflexes, narcosis.

This product may have a degreasing action on the skin, producing dryness and chapped skin after repeated exposure.

XYLENE (MIXTURE OF ISOMERS): has a toxic effect on the CNS (encephalopathies). Irritating to the skin, conjunctivae, cornea and respiratory apparatus.

XYLENE (MIXTURE OF ISOMERS) LD50 (Oral).3523 mg/kg Rat LD50 (Dermal).4350 mg/kg Rabbit LC50 (Inhalation).26 mg/l/4h Rat

2-BUTOXYETHANOL LD50 (Oral).615 mg/kg Rat LD50 (Dermal).405 mg/kg Rabbit LC50 (Inhalation).2,2 mg/l/4h Rat

SECTION 12. Ecological information.

Use this product according to good working practices. Avoid littering. Inform the competent authorities, should the product reach waterways or contaminate soil or vegetation.

12.1. Toxicity. Information not available.

12.2. Persistence and degradability.

XYLENE (MIXTURE OF ISOMERS)

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		I
Solubility in water.	mg/l 100 - 1000	
Biodegradability: Information not available.		
BUTANE		
Solubility in water.	mg/l 0,1 - 100	
Rapidly biodegradable.		
PROPANE		
Solubility in water.	mg/l 0,1 - 100	
Rapidly biodegradable.		
2-BUTOXYETHANOL		
Solubility in water.	mg/l 1000 - 10000	
Rapidly biodegradable.		
ACETONE		
Rapidly biodegradable.		
METHYL ACETATE		
Solubility in water.	243500 mg/l	
Rapidly biodegradable.		
12.3. Bioaccumulative potential.		
XYLENE (MIXTURE OF		
ISOMERS) Partition coefficient: n-	3,12	
octanol/water. BCF.	25,9	
BUTANE		
Partition coefficient: n-	1,09	
octanol/water.		
PROPANE		
Partition coefficient: n- octanol/water.	1,09	
2-BUTOXYETHANOL		
Partition coefficient: n- octanol/water.	0,81	
ACETONE		
Partition coefficient: n- octanol/water.	-0,23	

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BCF.	3			
METHYL ACETATE				
Partition coefficient: n- octanol/water.	0,18			
12.4. Mobility in soil.				
XYLENE (MIXTURE OF				
ISOMERS)				
Partition coefficient: soil/water.	2,73			
METHYL ACETATE				
Partition coefficient: soil/water.	0,18			
12.5. Results of PBT and vPvB a	ssessment.			
On the basis of available data, the p	roduct does not contain any PB	T or vPvB in percentage grea	ater than 0,1%.	

12.6. Other adverse effects.

Information not available.

SECTION 13. Disposal considerations.

13.1. Waste treatment methods.

Reuse, when possible. Product residues should be considered special hazardous waste. The hazard level of waste containing this product should be evaluated according to applicable regulations.

Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations.

Waste transportation may be subject to ADR restrictions.

CONTAMINATED PACKAGING

Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.

SECTION 14. Transport information.

14.1. UN number.

ADR / RID, IMDG, 1950 IATA:

14.2. UN proper shipping name.

ADR / RID:	AEROSOLS, FLAMMABLE
IMDG:	AEROSOLS
IATA:	AEROSOLS, FLAMMABLE

14.3. Transport hazard class(es).

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ADR / RID:	Class: 2	Label: 2.1
IMDG:	Class: 2	Label: 2.1

Class: 2

IATA:

Label: 2.1



14.4. Packing group.

ADR / RID, IMDG, IATA:

14.5. Environmental hazards.

ADR / RID:	NO
IMDG:	NO
IATA:	NO

14.6. Special precautions for user.

ADR / RID:	HIN - Kemler:	Limited Quantities: 1 L	Tunnel restriction code: (D)
	Special Provision: -		
IMDG:	EMS: F-D, S-U	Limited Quantities: 1 L	
IATA:	Cargo:	Maximum quantity: 150 Kg	Packaging instructions: 203
	Pass.:	Maximum quantity: 75 Kg	Packaging instructions: 203
	Special Instructions:	A145, A167, A802	_30

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

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Information not relevant.

SECTION 15. Regulatory information.

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture.

Seveso category.

Restrictions relating to the product or contained substances pursuant to Annex XVII to EC Regulation 1907/2006.

Product. Point.

Substances in Candidate List (Art. 59 REACH).

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None.

Substances subject to authorisarion (Annex XIV REACH).

None.

Substances subject to exportation reporting pursuant to (EC) Reg. 649/2012:

None.

Substances subject to the Rotterdam Convention:

None.

Substances subject to the Stockholm Convention:

None.

Healthcare controls.

Workers exposed to this chemical agent must not undergo health checks, provided that available risk-assessment data prove that the risks related to the workers' health and safety are modest and that the 98/24/EC directive is respected.

15.2. Chemical safety assessment.

No chemical safety assessment has been processed for the mixture and the substances it contains.

SECTION 16. Other information.

Text of hazard (H) indications mentioned in section 2-3 of the sheet:

Flam. Gas 1	Flammable gas, category 1
Aerosol 1	Aerosol, category 1
Aerosol 3	Aerosol, category 3
Flam. Liq. 2	Flammable liquid, category 2
Flam. Liq. 3	Flammable liquid, category 3
Acute Tox. 4	Acute toxicity, category 4
Eye Irrit. 2	Eye irritation, category 2
Skin Irrit. 2	Skin irritation, category 2
STOT SE 3	Specific target organ toxicity - single exposure, category 3
H220	Extremely flammable gas.
H222	Extremely flammable aerosol.
H229	Pressurised container: may burst if heated.
H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H332	Harmful if inhaled.

Date 22002016 Printed on 2510022018 Printed on 2510022018 Page n. 14/14 Printed on 2510022018 H319 Causes serious eye irritation. H315 Causes skin irritation. H336 May cause drowsiness or dizziness. EUH066 Repeated exposure may cause skin dryness or cracking. FEGEND: ADR: European Agreement concerning the carriage of Dangerous goods by Road CAS NUMBER: Chemical Abstract Service Number CEO: Effective concentration (required to induce a 50% effect) C4S NUMBER: Identifier in ESI (European archive of existing substances) CLP: Effective concentration Site (European achive of existing substances) CDR: Derived No Effect Level Emiss: Emergency Schedule Emission (Concentration Organization (Concentration Dangerous goods Regulation 1000000000000000000000000000000000000
V400FRIMER - Surface treatment enamel 400 mi Page n. 14/14 H319 Causes serious eye irritation. H315 Causes skin irritation. H336 May cause drowsiness or dizziness. EUH066 Repeated exposure may cause skin dryness or cracking. EGEND: ADR: European Agreement concerning the carriage of Dangerous goods by Road CAS NUMBER: Chemical Abstract Service Number CESO: C4S NUMBER: Chemical System of classification and labeling of chemicals CHARCHINER: MATA DOR: International Air Transport Association Dangerous Goods Regulation CESO: C50: Itemotional Maritime Code for dangerous goods <t< th=""></t<>
H315 Causes skin irritation. H336 May cause drowsiness or dizziness. EUH066 Repeated exposure may cause skin dryness or cracking. EGEND: ADR: European Agreement concerning the carriage of Dangerous goods by Road CAS NUMBER: Chemical Abstract Service Number Cesset in the carriage of Dangerous goods by Road CAS NUMBER: Chemical Abstract Service Number Cesset in the carriage of Dangerous goods by Road CAS NUMBER: Chemical Abstract Service Number Cesset in the carriage of Dangerous goods by Road CAS NUMBER: Chemical Abstract Service Number Cesset in the carriage of Dangerous goods by Road CAS NUMBER: Identifier in ESIS (European archive of existing substances) Cesset in the carriage of a substances CIP: EC Regulation 1272/2008 Setter of carriage of cassification and labeling of chemicals IATA DGR: International Air Transport Association Dangerous Goods Regulation Cesset international Maritime Code for dangerous goods IMDG: International Maritime Code for dangerous goods Monternational Maritime Code for dangerous goods IMDG: International Maritime Code Intradion CeP CSS: Lethal Concentration 50% Cesset international Maritime Code Intradion PDE: Predicted environmental Concentration PE PE: Predicted environmental Concentration PE <t< th=""></t<>
H315 Causes skin irritation. H336 May cause drowsiness or dizziness. EUH066 Repeated exposure may cause skin dryness or cracking. EGEND: ADR: European Agreement concerning the carriage of Dangerous goods by Road CAS NUMBER: Chemical Abstract Service Number Cesse: Effective concentration (required to induce a 50% effect) CES NUMER: Identifier in ESIS (European archive of existing substances) Cesse: Effective concentration 1272/2008 DNEL: Derived No Effect Level Emis: Emergency Schedule Gessification and labeling of chemicals EATA DGR: International Maritime Code for dangerous goods International Maritime Code for dangerous goods IMDG: International Maritime Code for dangerous goods International Maritime Code for dangerous goods IMDG: International Maritime Code for dangerous goods International Maritime Code for dangerous goods IMDG: International Maritime Code Internation ENE INDEX NUMBER: Identifier in Annex VI of CLP Ecso: Lethal Concentration 50% ICS0: Lethal Concentration 50% Ecso: Cale environmental Concentration PEI: Predicted environmental Concentration PEI: Predicted environmental Concentration PEI: Predicted environmental Concentration PEI: Predicted environmental Concentration PEI: Predicted environmental Concentration
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EUH066 Repeated exposure may cause skin dryness or cracking. EGEND: ADR: European Agreement concerning the carriage of Dangerous goods by Road CAS NUMBER: Chemical Abstract Service Number CES0: Effective concentration (required to induce a 50% effect) CENUMBER: Identifier in ESIS (European archive of existing substances) CJP: ECF Regulation 1272/2008 DNEL: Derived No Effect Level Em3: Emergency Schedule GHS: Globally Harmonized System of classification and labeling of chemicals IATA DGR: International Air Transport Association Dangerous Goods Regulation ICS0: Immobilization Concentration 50% IMDG: International Maritime Organization INDEX NUMBER: Identifier in Annex VI of CLP LCS0: Lethal Concentration 50% DS0: Lethal Concentration 50% DS0: Lethal does 50% OEL: Occupational Exposure Level PB1: Predicted environmental Concentration PE2: Predicted environmental Concentration REC: Predicted environmental Concentration REC: Predicted environmental Concentration REACH: EC Regulation 1907/2006 RID: Regulation concerning the international transport of dangerous goods by train TLY: Threshold Limit Value TLY: Threshold Limit Value
EGEND: ADR: European Agreement concerning the carriage of Dangerous goods by Road CAS NUMBER: Chemical Abstract Service Number CES0: Effective concentration (required to induce a 50% effect) CE NUMBER: Identifier in ESIS (European archive of existing substances) CLP: EC Regulation 1272/2008 DNEL: Derived No Effect Level EmS: Emergency Schedule GHS: Globally Harmonized System of classification and labeling of chemicals IATA DGR: International Air Transport Association Dangerous Goods Regulation IC50: International Air Transport Association Dangerous Goods Regulation IC50: International Maritime Code for dangerous goods IMO International Maritime Organization INDEX NUMBER: Identifier in Annex VI of CLP LC50: Lethal Concentration 50% LD50: Lethal Concentration 50% DEI: Derivestent bioaccumulative and toxic as REACH Regulation PEC: Predicted environmental Concentration PEC: Predicted environmental Concentration PEC: Predicted environmental Concentration REACH: EC Regulation 1907/2006 RID: Regulation concerning the international transport of dangerous goods by train TLV: Threshold Limit Value TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure. TWA STIEL: Short-term exposure limit
ADR: European Agreement concerning the carriage of Dangerous goods by Road CAS NUMBER: Chemical Abstract Service Number CES0: Effective concentration (required to induce a 50% effect) CE NUMBER: Identifier in ESIS (European archive of existing substances) CLP: EC Regulation 1272/2008 DNEL: Derived No Effect Level EmS: Emergency Schedule GHS: Globally Harmonized System of classification and labeling of chemicals IATA DGR: International Air Transport Association Dangerous Goods Regulation ICS0: Immobilization Concentration 50% IMDG: International Maritime Code for dangerous goods IMO: International Maritime Code for dangerous goods IMO: International Maritime Corganization INDEX: NUMBER: Identifier in Annex VI of CLP LCS0: Lethal Concentration 50% CEL: Occupational Exposure Level PBT: Persistent bioaccumulative and toxic as REACH Regulation PEC: Predicted environmental Concentration PEC: Predicted environmental Concentration REACH: EC Regulation 1907/2006 REID: Regulation concerning the international transport of dangerous goods by train TLV: Threshold Limit Value TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure. TWA STEL: Short-term exposure limit