





REGIONAL OFFICE TAGUIG

1st Ave., Sta. maria Industrial Subd., Bagumbayan, Taguig City Tel #: (02) 506.8519; 837.0710 Fax #: (02) 519.1552

HEADQUARTERS CEBU

2F SEA Olympus Building, AC Cortes Ave., Mandaue City, 6014, Cebu Clty Tel #: (032) 421.7817; 421.7262; 421.7863 Fax#: (032) 346.1817; 421.7877







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MATERIAL	SAFETY DATA SHEET	00600352 FIRE RETARDANT CLEAR HARDENER PAGE 3/11
SECTION 4. First aid measures	/>>	
	the subject stops breathing, administer artificial respirat <mark>ion. C</mark> tion immediately. Do not induce vomiting. Do not administe	
4.2. Most important symptoms and eff Specific information on symptoms and	fects, both acute and delayed. effects caused by the product are unknown. the contained substances, see chap. 11.	
4.3. Indication of any immediate medic Information not available.	cal attention and special treatment needed.	
SECTION 5. Firefighting me	easures.	
5.1. Extinguishing media. SUITABLE EXTINGUISHING EQUIPM		
Extinguishing substances are: carbon be used to disperse flammable vapour UNSUITABLE EXTINGUISHING EQU	i dioxide, foam, chemical powder. For product lo <mark>ss or l</mark> ea rs and protect those trying to stem the leak. IPMENT	70101
Do not use jets of water. Water is not e explosions.	effective for putting out fires but can be used to cool conta	iners exposed to flames to prevent
5.2. Special hazards arising from the s	substance or mixture.	T SPARIO
HAZARDS CAUSED BY EXPOSURE		bustion products.
Always wear full fire prevention gear. C water used for extinction and the rema SPECIAL PROTECTIVE EQUIPMENT		e sewer system. Dispose of contaminated
	(BS EN 469), gloves (BS EN 659) and boots (HO specificati re compressed air breathing apparatus (BS EN 137).	on A29 and A30) in combination with self-
SECTION 6. Accidental rele	ease measures.	ZCIUN
any contamination of skin, eyes and procedures. Send away individuals who are not sui 6.2. Environmental precautions.	ncluding personal protective equipment referred to und d personal clothing. These indications apply for both pro itably equipped. Eliminate all sources of ignition (cigarettes,	cessing staff and those involved in emergency lames, sparks, etc.) from the leakage site.
6.3. Methods and material for containr Collect the leaked product into a suit the container to be used, by checking	te sewer system or come into contact with surface water or g ment and cleaning up. table container. If the product is flammable, use explosion-r section 10. Absorb the remainder with inert absorbent mater d. Contaminated material should be disposed of in complian	proof equipment. Evaluate the compatibility of ial.
6.4. Reference to other sections.		
Any information on personal protection	n and disp <mark>osal is given in</mark> sections 8 and 13.	
SECTION 7. Handling and	l storage.	
occur; vapour accumulation is therefi adequate ventilation, vapours may ac bunching of electrostatic charges. W antistatic footwear. Vigorous stirring charges. In order to avoid the risk of	ked flames; do not smoke or use matches or lighters fore to be avoided by leaving windows and doors open ccumulate at ground level and, if ignited, catch fire even a /hen performing transfer operations involving large contai and flow through the tubes and equipment may cause of fires and explosions, never use compressed air when or smoke during use. Avoid leakage of the product into the	and ensuring good cross ventilation. Without at a distance, with the danger of backfire. Avoid ners, connect to an earthing system and wear the formation and accumulation of electrostatic handling. Open containers with caution as they
	Store the containers sealed, in a well ventilated place, awa of heat, naked flames and sparks and other sources of	ignition. Keep containers away from any
UZON	VISAYAS	EPY 9.3.0 - SDS 1003
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SECTIO	N 7. Hand				DATA S	HEET		00600352 FIRE RETARDANT CLEAR HARDENER PAGE 4/11
	cific end use	1.000	itorage					
	nation not ava							
SECT	ION 8. E	xposur	e contro	ols/pers	onal prot	ection.	3 150	And a second sec
8.1. Con	trol paramete	ers.						
Pogul	atory Referer	2000:						
0	atory Referen							
DEU ESP FRA GBR GRC HUN ITA NLD PRT		Deutschla España France United Kir E\λάδα Magyarors Italia Nederlanc Portugal	INS JOI sgdom EH4C EΦI szág 50/ Der I Dat Mir dos quí	SHT - Límites RF n°0109 d 0/2005 Work HMEΡΙΣ ΤΗΣ I 2011. (XII. 2 creto Legisla tabank of the histério da Ec tabalhador micos no tra	u 10 mai 2012 place exposure (YBEPNHΣEΩΣ 2.) NGM rende tivo 9 Aprile 20 e social and Ec conomia e do f res contra os ri balho - Diaro c	n profesional para page 8773 texte b limits -ΤΕΥΧΟΣ ΠΡΩ elet a munkahelye 008, n.81 conomic Concil of Emprego Consolici scos para a segu da Republica I 26;	n ^o 102 2TO Αρ. Φύλλου k kémiai biztons Netherlands (Sł la as prescriçõe rança e a saúde 2012-02-06	
SVK		Slovensko	NA NA	RIADENIE V	LÁDY Sloven:	skej republiky z 20). júna 2007	
EU		OEL EU TLV-ACG		GIH 2009/	IUI/EU; DIrect	ive 2000/15/EC; L	Jilective 2004/3	7/EC; Directive 2000/39/EC.
					N-BUTY	L ACETATE		
	shold Limit V		-					
Ту	/pe	Country	TWA/8h mg/m3	ppm	STEL/15 mg/m3	ppm		
M	AK	DEU	480	100	960	200		
VI		ESP	724	150	965	200		
	_EP EL	FRA GBR	710 724	150 150	940 966	200 200		
TL		GRC	724	150	950	200		
Al	<	HUN	950		950			
	EL	NLD	150					
	PHV _V-ACGIH	SVK	480	100 50	960	150		
1.10				00		100	1	
					METHYLE	THYL KETONE		
Three	shold Limit V	alue.						
Ту	/pe	Country	TWA/8h		STEL/15			
	214/	DELL	mg/m3	ppm	mg/m3	ppm		
	GW AK	DEU	600	200 200	600	200		SKIN.
	AK _A	DEU ESP	600 600	200	600 900	300		SKIN.
	_EP	FRA	600	200	900	300		SKIN.
	EL	GBR	600	200	899	300		SKIN.
TL		GRC	600	200	900	300		
Al		HUN	600	200	900	200		
VI	.EP .E	ITA PRT	600 600	200 200	900 900	300 300		and the second second second
VI	PHV	SVK	600	200	900			17 January 1
N	el V-acgih	EU	600	200	900	300	10.41	
N			590	200	885	300		

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MATERIAL SAFETY DATA SHEET				00600352 FIRE RETARDANT CLEAR HARDENER PAGE 5/11		
ECTION 8. Ex	xposure contr	ols/perso	nal protect	ion/>>		The A
Threshold Lim	hit Value.			101	UENE	
Type	Country	TWA/8h	. 10	STEL/15n	nin	
		mg/m3	ppm	mg/m3	ppm	
AGW	DEU	190	50	760	200	SKIN.
MAK	DEU	190	50	760	200	
VLA	ESP	192	50	384	100	SKIN.
VLEP	FRA	76,8	20	384	100	SKIN.
WEL	GBR	191	50	384	100	SKIN.
TLV	GRC	192	50	384	100	
AK	HUN	190		760		
VLEP	ITA	192	50			SKIN.
OEL	NLD	150		384		
VLE	PRT	192	50	384	100	SKIN.
NPHV	SVK	192	50	384		SKIN.
OEL	EU	192	50	384	100	SKIN.
TLV-ACGIH	1	75,4	20			
			- A			
The state from			P	M-TOLYLIDENE	E DIISOCYANATE	
Threshold Lim		TA/ A /Oh		OTEL /16		
Туре	Country	TWA/8h		STEL/15n		
		mg/m3	ppm	mg/m3	ppm	
AGW	DEU	0,035	0,005	0,14 (C)	0,02 (C)	INHAL.
VLA	ESP	0,035	0,005	0,14 (C)	0,02 (C)	
VLA	FRA	0,030	0,005	0,14	0,02	
AK	HUN	0,00	0,01	0,18	0,02	
VLEP	ITA	0,16	0,02	0,035		
The following sh The work gloves the duration and SKIN PROTEC	s' resistance to d type of use. TION	ered when c chemical a	choosing work agents shoul	k glove material ld be checked b	efore use, as it ca	egradation, failure time and permeability. an be unpredictable. The gloves' wear time depends on
with soap and w Consider the ap EYE PROTECT Wear airtight pro RESPIRATORY	vater after remover opropriateness of FION rotective goggles Y PROTECTION	oving protecti of providing a s (see stand N	tive clothing. antistatic clot lard EN 166).	thing in the case	of working enviro	39/686/EEC and standard EN ISO 20344). Wash body onments in which there is a risk of explosion.
AX filter, whose kinds and/or gas Respiratory pro- threshold values If the substance emergency, we apparatus (in co	e limit of use wil uses or vapours of otection devices s considered. The ce considered is ear open-circuit	ill be define containing p s must be u he protectior s odourless compresse standard EN	ed by the r particulate (ae used if the te n provided by s or its olfact ed air breath I 138). For a c	manufacturer (serosol sprays, fu echnical measu y masks is in an tory threshold is ning apparatus	see standard EN umes, mists, etc.) o ures adopted are y case limited. s higher than the (in compliance w	ubstances present in the product, wear a mask with a type N 14387). In the presence of gases or vapours of various combined filters are required. a not suitable for restricting the worker's exposure to the e corresponding TLV-TWA and in the case of an with standard EN 137) or external air-intake breathing ection device, see standard EN 529.
The emissions	generated by h environmental	manufactur standards.	ring processe		ose generated b	by ventilation equipment, should be checked to ensure
1. Information of Appearance Colour Odour	on basic physic	cal and che	liqu Not			
Odour threshold pH.	1.		Not	ot available. ot available. ot available.		
						EPY 9.3.0 - SDS 1003

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REGIONAL OFFICE Avantic Strice Davao Unit Al 6 J. King Warehouse Complex Km. 3 Maa Road, Davao City 8000 Tel # (082) 244.1206 Fax #: (082) 285.2886







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Tel # (082) 244.1206 Fax #: (082) 285.2886





	MATERIAL	SAFETY DA	ATA SHEET	00600352 FIRE RETARDANT CLEAR HARDENER PAGE 7/11
SECTI	ON 10. Stability and reactiv	ity/ >>	and the second se	
	HYL ETHYL KE <mark>TONE</mark> void exposure to: sources of heat.			
	compatible materials.			
N-BU	TYL ACETATE compatible with: water,nitrates,str	ong oxidants,acids,all	kalis,zinc.	
METH	IYL ETHYL KETONE compatible with: strong oxidants,ii	-		
	azardous decomposition produ	-		
In the	event of thermal decomposition of	r fire, gases and vap	ours that are potential <mark>l</mark> y dangerou	s to health may be released.
SECT	ION 11. Toxicologica	l information		
In the conta It is th	absence of experimental data for ins, using the criteria specified in t	the product itself, he he applicable regulat co <mark>unt the conce</mark> ntratio	alth hazards are evaluated accor ion for classification.	ting to the properties of the substances it stances indicated in section 3, to evaluate the
11.1. In	formation on toxicological effe	ects.		
		eripheral nervous sys	stem (with encephalopathies and $ $	oolyneuritis). Irritating to the skin, conjunctivae,
N-BU In hur	TYL ACETATE		es and nose. In the event of repe	ted exposure, there is skin irritation, dermatosis
ACUT	E TOXICITY.			
LC50	(Inhalation - vapours) of the mixtu (Inhalation - mists / powders) of the (Oral) of the mixture:		16,67 mg/l Not classified (no significant con Not classified (no significant con	iponent).
	(Dermal) of the mixture:		Not classified (no significant con	ponent).
LD50 LD50	LYLIDENE DIISOCYANATE (Oral). (Dermal). (Inhalation).		4130 mg/kg Mouse > 9400 mg/kg Rabbit 0,48 mg/l Rat	
TOLU				
	(Oral). (Dermal).		5580 mg/kg Rat 12124 mg/kg Rabbit	
in all the second	(Inhalation).		28,1 mg/l/4h Rat	
LD50	HYL ETHYL KETONE (Oral).		2737 mg/kg Rat	
	(Dermal). (Inhalation).		6480 mg/kg Rabbit 23,5 Rat	
			> 6400 mg#r= D=t	
LD50	(Oral). (Dermal).		> 6400 mg/kg Rat > 5000 mg/kg Rabbit	
SKIN	(Inhalation). <u>CORROSION / IRRITATION.</u> not meet the classification criteria	for this bozord class	21,1 mg/l/4h Rat	
SERI	OUS EYE DAMAGE / IRRITATIO			
	es serious e <mark>ye irritation.</mark>			
Sensi	PIRATORY OR SKIN SENSITISA tising for the respiratory system.	ION.		
	<u>M CELL MUTAGENICITY.</u> not meet the classification criteria	for this hazard class.		
				EPY 9.3.0 - SDS 100
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MATERIAL S	AFETY DATA SHEET	00600352 FIRE RETARDANT CLEAR HARDENER PAGE 8/11
SECTION 11. Toxicological inform	ation. />>	
CARCINOGENICITY. Does not meet the classification criteria for	or this bazard class	
REPRODUCTIVE TOXICITY.		
May damage fertility or the unborn child.		
STOT - SINGLE EXPOSURE. May cause drowsiness or dizziness.		
STOT - REPEATED EXPOSURE. Does not meet the classification criteria for	or this hazard class.	
ASPIRATION HAZARD.		
Does not meet the classification criteria fo	or this hazard class.	
SECTION 12. Ecological inf	ormation.	TO AND A
	product. Handle it according to good working practice ities, should the product reach waterways or contamina uifers.	
I2.1. Toxicity.		
M-TOLYLIDENE DIISOCYANATE LC50 - for Fish.	133 mg/l/96h Oncorhynchus mykiss	
EC50 - for Crustacea. EC50 - for Algae / Aquatic Plants.	18,3 mg/l/48h Americamysis bahia 4000 mg/l/72h Chlorella vulgaris	
2.2. Persistence and degradability.		
M-TOLYLIDENE DIISOCYANATE		
Solubility in water. Entirely biodegradable.	0,1 mg/l	
TOLUENE Solubility in water. Rapidly biodegradable.	100 - 1000 mg/l	
METHYL ETHYL KETONE Solubility in water.	> 10000 mg/l	
Rapidly biodegradable. N-BUTYL ACETATE		
Solubility in water.	1000 - 10000 mg/l	
2.3. Bioaccumulative potential.		
M-TOLYLIDENE DIISOCYANATE Partition coefficient: n-octanol/water.	3,43	
Partition coefficient: n-octanol/water. BCF.	2,73 90	
METHYL ETHYL KETONE Partition coefficient: n-octanol/water.	0,3	
N-BUTYL ACETATE		
Partition coefficient: n-octanol/water.	2,3 15,3	
BCF.		
12.4. Mobility in s <mark>oil.</mark>		
12.4. Mobility in soil. N-BUTYL ACETATE	<3	
12.4. Mobility in soil.	< 3	

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Special Provision: 640D IMDG: EMS: F-E, S-E Limited Quantities: 5 L IATA: Cargo: Maximum quantity: 60 L Packa	00600352 FIRE RETARDANT CLEAR HARDENER PAGE 9/11
Information not available: SECTION 13. Disposal considerations. 13.1. Waste treatment methods. Reuse, Ween possible, Product residues should be considered special hazardous waste. The hazard level of should be evaluated according to applicable regulations. Disposal must be performed through an authorised waste management firm, in compliance with national and low waste transportation may be subject to ADR restrictions. CONTAMINATED PACKANING ADR / RID, INDG, IATX 1263 14.1. UN number. ADR / RID: PAINT RELATED MATERIAL MAR PAINT RELATED MATERIAL MAR Class: 3 Label: 3 IMDG: Class: 3 Label: 3 MDR / RID, IMDG, IATX: I 14.1. Packing group. ADR / RID, IMDG, IATX: I 15.1. Environmental hazards. ADR / RID, IMDG, IATX: I ADR / RID; MDR: NO 16.1. Special precautions for user. Limited Quantities: 5 L Turned <th></th>	
SECTION 13. Disposal considerations. 13.1. Waste treatment methods. Reuse, When possible, Product residues should be considered special hazardous waste. The hazard level of should be evaluated according to applicable regulations. Disposal must be performed through an authorised waste management firm, in compliance with national and low waste transportation may be subject to ADR restrictions. CONTAMINATED PACKARING Contraminated packaging must be recovered or disposed of in compliance with national waste management registry. SECTION 14. Transport information. 11.1. UN number. ADR / RID, IMDG, IATA: 1263 14.2. UN proper shipping name. ADR / RID: PAINT RELATED MATERIAL IMDG: PAINT RELATED MATERIAL IATA: Class: 3 Label: 3 Important Package IMDG: Class: 3 Label: 3 Important Package IATA: Class: 3 Label: 3 IATA: Class: 3 Label: 3 Important Package IATA: Class: 3 Label: 3 Important Package IATA: NO IAS. Environmental hazards. ADR / RID; NO	
 13.1. Waste treatment methods. Reuse, when possible. Product residues should be considered special hazardous waste. The hazard level of should be evaluated according to applicable regulations. Disposal must be performed through an authorised waste management firm, in compliance with national and lo Waste transportation may be subject to ADR restrictions. CONTAMINATED PACKAGING Contaminated packaging must be recovered or disposed of in compliance with national waste management reg SECTION 14. Transport information. 14.1. UN number. ADR / RD, IMDG, MTA: 1263 14.2. UN proper shipping name. ADR / RD: PAINT RELATED MATERIAL IMDG: PAINT RELATED MATERIAL IMDG: PAINT RELATED MATERIAL IMDG: Class: 3 Label: 3 MDG: Class: 3 Label: 3 MDG: Class: 3 Label: 3 MDG: Class: 3 Label: 3 MDG: NO ADR / RD: NO MDG: NO ADR / RD: HIN - Kemler: 33 ADR / RD: NO MDG: NO ADR / RD: HIN - Kemler: 33 ADR / RD: NO MDG: NO ADR / RD: HIN - Kemler: 34 ADR / RD: HIN - Kemler: 35 ADR / RD: NO MDG: ADR / RD: PAINT RELATED MATERIAL MAXIMUM quantity; 51 Pasa: NO 14.6. Special precautions for user. ADR / RD: HIN - Kemler: 33 ADR / RD: MO MATA: Cargo: NO MATA: NO 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code. Information not relevant. SECTION 15. Regulatory information. 	
 13.1. Waste treatment methods. Reuse, when possible. Product residues should be considered special hazardous waste. The hazard level of should be valueted according to applicable regulations. Disposal must be performed through an authorised waste management firm, in compliance with national and low waste transportation may be subject to ADR restrictions. CONTAMINATED PACKAGING CONTAMINATED PACKAGING SECTION 14. Transport information. 14.1. UN number. ADR / RID, IMDG, IATA: 1263 14.2. UN proper shipping name. ADR / RID, IMDG, IATA: 1263 14.2. UN proper shipping name. ADR / RID: PAINT RELATED MATERIAL IMDG: PAINT RELATED MATERIAL IMDG: PAINT RELATED MATERIAL IMATA: PAINT RELATED MATERIAL IMDG: PAINT RELATED MATERIAL IMDG: Class: 3 Label: 3 IMDG: Class: 3 Label: 3 IATA: Class: 1 Label: 3 IATA: Class: 3 Label: 3 IATA: Class: 3 Label: 3 IATA: Class: 4 Label: 5 Label: 4 Label: 4	
14.1. UN number. ADR / RID, IMDG, IATA: 1263 14.2. UN proper shipping name. ADR / RID: PAINT RELATED MATERIAL IMDG: PAINT RELATED MATERIAL IATA: Class: 3 Label: 3 Image: 100 markstand class(es). ADR / RID: Class: 3 IMDG: Class: 3 IMDG: Class: 3 IATA: Class: 3 Label: 3 Image: 100 mark IATA: Class: 3 Label: 3 Image: 100 mark IATA: Class: 3 Label: 3 Image: 100 mark MDG: NO IATA: Class: 3 Link: 40 mark Mark MDG: NO MDG: NO MDG: NO MDG: Special Provision: 6400 MDG: Clarge: Mark Mark Special Provision: 6400 MDG: Clarge: <td< td=""><td>ocal regulations.</td></td<>	ocal regulations.
14.1. UN number. ADR / RID, IMDG, IATA: 1263 14.2. UN proper shipping name. ADR / RID: PAINT RELATED MATERIAL IMDG: PAINT RELATED MATERIAL IATA: PAINT RELATED MATERIAL IMDG: Class: 3 IMDG: Class: 3 IMDG: Class: 3 IATA: NO MDG: NO MCG: NO MCG: NO MDG: NO MDG: EMS: F-E, S-E IATA: Cargo: Maximum q	10
14.2. UN proper shipping name. ADR / RID: PAINT RELATED MATERIAL IMDG: PAINT RELATED MATERIAL IA1.3. Transport hazard class(es). ADR / RID: Class: 3 IMDG: Class: 3 IMDG: Class: 3 IA1.4. Paint ReLATED MATERIAL IA1.5. Class: 3 IMDG: Class: 3 IA1.4. Packing group. ADR / RID: NO MDG: NO MDG: NO MADR / RID: NO MDG: NO MATA: NO MDG: NO MATA: NO MDG: NO MATA: NO MDG: MO MATA: NO MDG: MO MATA: NO MDG: MO MDG: MO MATA: NO MDG: MO MATA: NO MDG: MAXIMUM quantities: 5 L MATA: NO MATA:	
14.2. UN proper shipping name. ADR / RID: PAINT RELATED MATERIAL IMDG: PAINT RELATED MATERIAL IA1.3. Transport hazard class(es). ADR / RID: Class: 3 IMDG: Class: 3 Label: 3 IMDG: Class: 3 LATA: Class: 3 LADR / RID, IMDG, IATA: II 14.5. Environmental hazards. ADR / RID: NO MDG: NO MATA: NO MDG: MO Special Provision: 6400 MIDG: EMS: F-E, S-E MATA: Cargo: Pass: Maximum quantity: 60 L Pass: Pass: Special Instructions: A3, A72, A192 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code. Information not relevant. SECTION 15. Regulatory information.	
ADR / RID: PAINT RELATED MATERIAL IMDG: PAINT RELATED MATERIAL 14.3. Transport hazard class(es). ADR / RID: Class: 3 IMDG: Class: 3 IMDG: Class: 3 IATA: Class: 3 IATA: Class: 3 IATA: Class: 3 IATA: Class: 3 Label: 3 Image: Class: 3 IATA: Class: 3 Limited Quantities: 5 L Tunnel Special provision: 6400 Maximum quantity: 60 L MDG: EMS: F-E, S-E Limited Quantities: 5 L IATA: Cargo: Maximum quantity: 60 L Pass: Pass: Maximum quantity: 60 L Pass: Pass: Maximum quantity: 5 L Special Instructions: A3, A72, A192 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code. Information not relevant. </td <td></td>	
14.3. Transport hazard class(es). ADR / RID: Class: 3 Label: 3 IMDG: Class: 3 Label: 3 IATA: Class: 3 Label: 3 14.4. Packing group. ADR / RID, IMDG, IATA: II 14.5. Environmental hazards. ADR / RID: NO IATA: NO IATA: II 14.6. Special precautions for user. ADR / RID: NO IATA: NO IATA: NO 14.6. Special precautions for user. ADR / RID: Maximum quantity: 60 L Packa MDG: EMS: F-E, S-E Limited Quantities: 5 L Packa NDG: EMS: F-E, S-E Limited Quantities: 5 L Packa Pass: Maximum quantity: 60 L Packa Special Instructions: A3, A72, A192 Packa 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code. Information not relevant. SECTION 15. Regulatory information. Second provision: Supervision: Superv	
ADR / RID: Class: 3 Label: 3 IMDG: Class: 3 Label: 3 IATA: Class: 3 Label: 3 14.4. Packing group. ADR / RID, IMDG, IATA: II 14.5. Environmental hazards. ADR / RID: NO MDG: NO NO MATA: NO NO MDG: NO NO MATA: NO 14.5. Environmental hazards. ADR / RID: ADR / RID: NO MOG: Cargo: MDG: EMS: F-E, S-E IATA: Cargo: MAXimum quantity: 60 L Packa Special Provision: A3, A72, A192 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code. Information not relevant. Information.	
IATA: Class: 3 Label: 3 14.4. Packing group. ADR / RID, IMDG, IATA: II 14.5. Environmental hazards. ADR / RID: NO IMDG: NO IATA: NO IATA: NO IATA: NO IATA: NO IATA: NO IMDG: EMS: F-E, S-E IATA: Cargo: Maximum quantity: 60 L Packa Pass.: Maximum quantity: 5 L IATA: Cargo: IATA: A3, A72, A192	
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: 33 Limited Quantities: 5 L Tunnel Special Provision: 640D IMDG: EMS: F-E, S-E IATA: Cargo: MDG: EMS: F-E, S-E IATA: Cargo: Pass. Maximum quantity: 60 L Pass. Maximum quantity: 51 L Packa Special Instructions: A3, A72, A192 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code. Information not relevant. Information not relevant.	
ADR / RID, IMDG, IATA: II 14.5. Environmental hazards. ADR / RID: NO IMDG: NO IATA: NO 14.6. Special precautions for user. ADR / RID: HIN - Kemler: 33 Special Provision: 640D IMDG: EMS: F-E, S-E IATA: Cargo: Maximum quantity: 60 L Packa Pass.: Maximum quantity: 5 L Special Instructions: A3, A72, A192 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code. Information not relevant. SECTION 15. Regulatory information.	
ADR / RID, IMDG, IATA: II 14.5. Environmental hazards. ADR / RID: NO IMDG: NO IATA: NO 14.6. Special precautions for user. ADR / RID: HIN - Kemler: 33 Limited Quantities: 5 L Tunnel Special Provision: 640D IMDG: EMS: F-E, <u>S-E</u> Limited Quantities: 5 L Packa Pass.: Maximum quantity: 60 L Packa Special Instructions: A3, A72, A192 Packa Information not relevant. SECTION 15. Regulatory information.	
14.5. Environmental hazards. ADR / RID: NO IMDG: NO IATA: NO 14.6. Special precautions for user. ADR / RID: HIN - Kemler: 33 Limited Quantities: 5 L Tunnel Special Provision: 640D IMDG: EMS: F-E, S-E Limited Quantities: 5 L Packa IMDG: EMS: F-E, S-E Limited Quantities: 5 L Packa Pass.: Maximum quantity: 60 L Packa Special Instructions: A3, A72, A192 Packa 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code. Information not relevant. SECTION 15. Regulatory information.	
ADR / RID: NO IMDG: NO IATA: NO 14.6. Special precautions for user. ADR / RID: HIN - Kemler: 33 Limited Quantities: 5 L Tunnel Special Provision: 640D IMDG: EMS: F-E, <u>S-E</u> Limited Quantities: 5 L Packa IATA: Cargo: Maximum quantity: 60 L Packa Pass.: Maximum quantity: 5 L Packa Special Instructions: A3, A72, A192 Packa I4.7. Transport in bulk according to Annex II of Marpol and the IBC Code. Information not relevant. SECTION 15. Regulatory information. Section 15. Regulatory information.	
IMDG: NO IATA: NO 14.6. Special precautions for user. ADR / RID: HIN - Kemler: 33 Limited Quantities: 5 L IMDG: EMS: F-E, S-E Limited Quantities: 5 L IMDG: EMS: F-E, S-E Limited Quantities: 5 L IATA: Cargo: Maximum quantity: 60 L Packa Pass.: Maximum quantity: 5 L Packa Special Instructions: A3, A72, A192 Packa I4.7. Transport in bulk according to Annex II of Marpol and the IBC Code. Information not relevant. SECTION 15. Regulatory information. Section 15. Regulatory information.	
ADR / RID: HIN - Kemler: 33 Limited Quantities: 5 L Tunnel Special Provision: 640D Special Provision: 640D Limited Quantities: 5 L Tunnel IMDG: EMS: F-E, S-E Limited Quantities: 5 L Packa IATA: Cargo: Maximum quantity: 60 L Packa Pass.: Maximum quantity: 5 L Packa Special Instructions: A3, A72, A192 Packa I4.7. Transport in bulk according to Annex II of Marpol and the IBC Code. Information not relevant. SECTION 15. Regulatory information. Section 15. Regulatory information.	
Special Provision: 640D IMDG: EMS: F-E, S-E Limited Quantities: 5 L IATA: Cargo: Maximum quantity: 60 L Packa Pass.: Maximum quantity: 5 L Packa Special Instructions: A3, A72, A192 Packa 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code. Information not relevant. SECTION 15. Regulatory information. Section 15. Regulatory information.	
IMDG: EMS: F-E, S-E Limited Quantities: 5 L IATA: Cargo: Maximum quantity: 60 L Packa Pass.: Maximum quantity: 5 L Packa Special Instructions: A3, A72, A192 Packa Information not relevant. SECTION 15. Regulatory information. Section 15. Regulatory information.	el restriction code: (D/E)
Information not relevant. SECTION 15. Regulatory information.	aging instructions: 364 aging instructions: 353
SECTION 15. Regulatory information.	
15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture.	7040
VISAYAS MINDAN	(CEPY 9.3.0

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MA	TERIAL SAFETY DATA SHEET	00600352 FIRE RETARDANT CLEAR HARDENER PAGE 10/11
SECTION 15. Regulat	ory information/>>	
Seveso Category - Direct	ive 2012/18/EC: P5c	
Restrictions relating to the	e product or contained substances pursuant to Annex XVII to EC Regulation 1907/	2006.
Product.		
Point. Contained substance.	3 - 40	
Point.	48 TOLUENE	
	Reg. no.: 01-2119471310-51	
<u>Substances in Candidate</u> On the basis of availabl	<u>List (Art. 59 REACH).</u> e data, the product does not contain any SVHC in percentage greater than 0,	1%.
Substances subject to au	thorisarion (Annex XIV REACH).	
None.		
Substances subject to ex	portation reporting pursuant to (EC) Reg. 649/2012:	
None.		
Substances subject to the	Rotterdam Convention	
None.		
Substances subject to the	Stockholm Convention:	
None.		
Healthcare controls.		
	chemical agent must not undergo health checks, provided that available ris	k-assessment data prove that the risks
related to the workers r	ealth and safety are modest and that the 98/24/EC directive is respected.	
5.2. Chemical safety ass	essment.	
No chemical safety ass	essment has been processed for the mixture and the substances it contains.	
a land and land and an	the second se	in the second second
SECTION 16. Otl	ner information.	
Text of hazard (H) indic	ations mentioned in section 2-3 of the sheet:	
An Ko	P SPARKO	
Flam. Liq. 2 Flam. Liq. 3	Flammable liquid, category 2 Flammable liquid, category 3	
Carc. 2	Carcinogenicity, category 2	
Repr. 2 Acute Tox. 1	Reproductive toxicity, category 2 Acute toxicity, category 1	
Acute Tox. 4	Acute toxicity, category 4	
Asp. Tox. 1	Aspiration hazard, category 1	
STOT RE 2	Specific target organ toxicity - repeated exposure, category 2	
Eye Irrit. 2 Skin Irrit. 2	Eye irritation, category 2 Skin irritation, category 2	
STOT SE 3	Specific target organ toxicity - single exposure, category 3	
Resp. Sens. 1	Respiratory sensitization, category 1	
Skin Sens. 1	Skin sensitization, category 1 Hazardous to the aquatic environment, chronic toxicity, category 3	
Aquatic Chronic 3 H225	Hazardous to the aquatic environment, chronic toxicity, category 3 Highly flammable liquid and vapour.	
H226	Flammable liquid and vapour.	
H351	Suspected of causing cancer.	
H361d H330	Suspected of damaging the unborn child.	
H332	Harmful if inhaled.	
H304	May be fatal if swallowed and enters airways.	
H373 H319	May cause damage to organs through prolonged or repeated exposure. Causes serious eye irritation.	
H315	Causes skin irritation.	
H335	May cause respiratory irritation.	
	May cause allergy or asthma symptoms or breathing difficulties if inhaled.	
H334 H317		
H334 H317 H336	May cause an allergic skin reaction. May cause drowsiness or dizziness.	
H317 H336 H412	May cause drowsiness or dizziness. Harmful to aquatic life with long lasting effects.	
H317 H336 H412 EUH066	May cause drowsiness or dizziness. Harmful to aquatic life with long lasting effects. Repeated exposure may cause skin dryness or cracking.	
H317 H336 H412	May cause drowsiness or dizziness. Harmful to aquatic life with long lasting effects.	
H317 H336 H412 EUH066 EUH204	May cause drowsiness or dizziness. Harmful to aquatic life with long lasting effects. Repeated exposure may cause skin dryness or cracking.	
H317 H336 H412 EUH066 EUH204 LEGEND:	May cause drowsiness or dizziness. Harmful to aquatic life with long lasting effects. Repeated exposure may cause skin dryness or cracking. Contains isocyanates. May produce an allergic reaction.	
H317 H336 H412 EUH066 EUH204 LEGEND:	May cause drowsiness or dizziness. Harmful to aquatic life with long lasting effects. Repeated exposure may cause skin dryness or cracking.	
H317 H336 H412 EUH066 EUH204 LEGEND:	May cause drowsiness or dizziness. Harmful to aquatic life with long lasting effects. Repeated exposure may cause skin dryness or cracking. Contains isocyanates. May produce an allergic reaction.	
H317 H336 H412 EUH066 EUH204 LEGEND:	May cause drowsiness or dizziness. Harmful to aquatic life with long lasting effects. Repeated exposure may cause skin dryness or cracking. Contains isocyanates. May produce an allergic reaction.	

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