



Page 1/11

US

Safety Data Sheet acc. to OSHA HCS

Printing date 09/23/2016

Reviewed on 09/22/2016

1 Identification

- Product identifier
- Trade name: CILBOND 89 ET
- Article number: R025419-00
- Application of the substance / the mixture Adhesives
- Details of the supplier of the safety data sheet

- Manufacturer/Supplier:

Kommerling UK Ltd 217 Walton Summit Road Bamber Bridge Preston, Lancashire PR5 8AQ United Kingdom +44 (0)1772 322888 +44 (0)1772 315853 sds@cilbond.com (calls from USA: Please dial 01149 instead of +49)

- Information department:

Abteilung: C-U Qualitäts- und Umweltmanagementcenter (department: C-U Quality- and Environmentalmanagementcenter) Tel.: +49 (0)6331/56-2553; Fax.: +49 (0)6331/56-1091 e-Mail: Productsafety@Koe-Chemie.de (calls from USA: Please dial 01149 instead of +49)

 Emergency telephone number: In case of poisoning: GBK-EMTEL International Tel.(24h): +49(0)6132/84463 (all languages)

In case of transport accidents: Tel.(24h): (001) 352 323 3500 (Infotrac - Contract ID: 90373 / GBK) - Emergency-Phone from inside USA/Canada (toll free): 1 800 535 5053 (Infotrac - Contract ID: 90373 / GBK)

2 Hazard(s) identification

- Classification of the substance or mixture			
Flam. Liq. 2	H225	Highly flammable liquid and vapor.	
Skin Irrit. 2	H315	Causes skin irritation.	
Resp. Sens. 1	H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.	
Skin Sens. 1	H317	May cause an allergic skin reaction.	
Carc. 2	H351	Suspected of causing cancer.	
Repr. 2	H361	Suspected of damaging fertility or the unborn child.	
STOT SE 2	H371	May cause damage to organs.	
STOT SE 3	H335-H336	May cause respiratory irritation. May cause drowsiness or dizziness.	
STOT RE 2	H373	May cause damage to organs through prolonged or repeated exposure. (Contd. on page 2)	

US

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Reviewed on 09/22/2016

Printing date 09/23/2016 Trade name: CILBOND 89 ET (Contd. of page 1) Asp. Tox. 1 H304 May be fatal if swallowed and enters airways. - Label elements - GHS label elements The product is classified and labeled according to the Globally Harmonized System (GHS). - Hazard pictograms GHS02 GHS08 GHS07 - Signal word Danger - Hazard-determining components of labeling: toluene xylene, mixed isomers, pure methylenediphenyl diisocyanate, isomeres and homologues ethylbenzene Hazard statements Highly flammable liquid and vapor. H225 H315 Causes skin irritation. May cause allergy or asthma symptoms or breathing difficulties if inhaled. H334 May cause an allergic skin reaction. H317 Suspected of causing cancer. H351 Suspected of damaging fertility or the unborn child. H361 May cause damage to organs. H371 H335-H336 May cause respiratory irritation. May cause drowsiness or dizziness. H373 May cause damage to organs through prolonged or repeated exposure. H304 May be fatal if swallowed and enters airways. - Precautionary statements Keep away from heat/sparks/open flames/hot surfaces. No smoking. Keep container tightly closed. Take precautionary measures against static discharge. Use only outdoors or in a well-ventilated area. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting/equipment. Use only non-sparking tools. Do not breathe mist/vapours/spray. Avoid contact during pregnancy/while nursing. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Contaminated work clothing must not be allowed out of the workplace. [In case of inadequate ventilation] wear respiratory protection. IF SWALLOWED: Immediately call a POISON CENTER/ doctor. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell. IF exposed or concerned: Get medical advice/attention. If skin irritation occurs: Get medical advice/attention. Do NOT induce vomiting. In case of fire: Use for extinction: CO2, powder or water spray. Take off contaminated clothing and wash it before reuse. Store in a well-ventilated place. Keep container tightly closed. Dispose of contents/container in accordance with local/regional/national/international regulations. (Contd. on page 3)

(Contd. of page 2)

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Printing date 09/23/2016

Reviewed on 09/22/2016

Trade name: CILBOND 89 ET

- Other hazards

In the event of a large-scale use of the product, ignition sources in the immediate proximity and in low-lying areas, such as welding equipment, bells, heating elements, refrigerators, storage heaters etc. should be switched off! Erect warning signs warning of the hazardous risk of explosive atmosphere!

- Results of PBT and vPvB assessment
- **PBT:** Not applicable.
- vPvB: Not applicable.

3 Composition/information on ingredients

- Chemical characterization: Mixtures

- Description: Mixture of several substances

- Dangerous components:			
1330-20-7	xylene, mixed isomers, pure	20-<40%	
108-88-3	toluene	20-<40%	
100-41-4	ethylbenzene	< 10%	
9016-87-9	methylenediphenyl diisocyanate, isomeres and homologues	< 10%	
9003-34-3	poly dinitrosobenzene	< 5.0%	
3006-93-7	1,1'-(1,3-phenylene)bis-1H-pyrrole-2,5-dione	< 2.0%	
4083-64-1	p-toluenesulphonyl isocyanate	< 1.0%	
- SVHC Doesn't contain SVHC-substances			

4 First-aid measures

- Description of first aid measures

- After inhalation:

Supply fresh air; consult doctor in case of complaints.

In case of unconsciousness place patient stably in side position for transportation.

- After skin contact:

Treat affected skin with cotton wool or cellulose. Then wash and rinse thoroughly with water and a mild cleaning agent.

- After eye contact: Rinse opened eve for several minutes under running water. Then co

Rinse opened eye for several minutes under running water. Then consult a doctor.

- After swallowing: Do not induce vomiting; immediately call for medical help.
- Information for doctor:
- Most important symptoms and effects, both acute and delayed No further relevant information available.
- Indication of any immediate medical attention and special treatment needed No further relevant information available.

5 Fire-fighting measures

- Extinguishing media
- Suitable extinguishing agents: Water spray Alcohol resistant foam Fire-extinguishing powder Carbon dioxide
- For safety reasons unsuitable extinguishing agents: Water with full jet
- Special hazards arising from the substance or mixture

Formation of toxic gases is possible during heating or in case of fire.

- Advice for firefighters
- Protective equipment: Wear self-contained respiratory protective device.

Printing date 09/23/2016

Reviewed on 09/22/2016

Trade name: CILBOND 89 ET

(Contd. of page 3)

	ions, protective equipment and emergency procedures		
Ensure adequate v			
Keep away from ignition sources Use respiratory protective device against the effects of fumes/dust/aerosol.			
	recautions: Do not allow to enter sewers/ surface or ground water.		
	terial for containment and cleaning up: Pick up mechanically.		
- Reference to othe			
	nformation on safe handling. Information on personal protection equipment.		
	disposal information.		
7 Handling and	storage		
- Handling:			
	afe handling Ensure good ventilation/exhaustion at the workplace.		
	It protection against explosions and fires: ces away - Do not smoke.		
	ectrostatic charges.		
	ne with air to form an explosive mixture.		
- Conditions for sa	fe storage, including any incompatibilities		
- Storage:			
	be met by storerooms and receptacles: Prevent any seepage into the ground		
	t storage in one common storage facility: Store away from foodstuffs.		
	on about storage conditions:		
Protect from frost.			
Keep receptacle tig	and direct auglight		
Protect from heat a	and direct sunlight.		
Protect from heat a Store receptacle in	and direct sunlight. n a well ventilated area.		
Protect from heat a Store receptacle in Store in dry conditi	and direct sunlight. a well ventilated area. ions.		
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Printing date 09/23/2016

Reviewed on 09/22/2016

Trade name: CILBOND 89 ET

		(Cont	d. of page 4)
TLV (USA)		Long-term value: 87 mg/m ³ , 20 ppm BEI	
IOELV (European Union)		Short-term value: 884 mg/m³, 200 ppm Long-term value: 442 mg/m³, 100 ppm Skin	
- Ingredient	s with biologi	cal limit values:	
1330-20-7	xylene, mixed	l isomers, pure	
BEI (USA)	1.5 g/g creatinine Medium: urine Time: end of shift Parameter: Methylhippuric acids		
108-88-3 te	oluene		
BEI (USA)	Parameter: To 0.03 mg/L Medium: urine Time: end of s	last shift of workweek oluene e shift	
		tinine e	
	thylbenzene		
BEI (USA)			c, semi-
	Medium: end- Time: not critic Parameter: Et		
 General pi The usual Keep away Wash hand Immediate Breathing Not require In case of exposure u Short term A2 (DIN Eff Protection Direct cont protectant product aft Complianc 	protective equiprotective and liprecautionary representationary representation foodstuff ds before breaking remove all so equipment: ed with good versifier device: N 14387 / DIN I act with the chibefore working er the work. e with the state	hygienic measures: measures for handling chemicals should be followed. fs, beverages and feed. ks and at the end of work. oiled and contaminated clothing. entilation and/or adequate extractor facilities or low pollution use respiratory filter device. In case of intensive protective device that is independent of circulating air. EN 141) emical preparation must be avoided by organizational measures. A g with gloves to avoid skin swellings and use a skin cleansing and ed penetration time (starts with the first product contact) must be en- sposed of after the penetration time and new gloves used!	Apply skin d skincare

Printing date 09/23/2016 Reviewed on 09/22/2016 Trade name: CILBOND 89 ET (Contd. of page 5) - For the permanent contact gloves made of the following materials are suitable: If longer exposure to the chemical preparation is necessary, a sturdy overglove against mechanical strain is recommended in combination with the "Barrier 02-100" underglove from Ansell (penetration time 480 min). - For the permanent contact of a maximum of 15 minutes gloves made of the following materials are suitable: Fluorinated rubber (Viton) [0.7mm - penetration time 15 min] - As protection from splashes gloves made of the following materials are suitable: Recommended for protection from splashes: disposable nitrile gloves (minimum thickness 0.12 mm) with long cuffs. After contact with the chemical preparation, take the disposable nitrile glove off immediately and put on a new disposable nitrile glove. - Eve protection: Safety glasses 9 Physical and chemical properties - Information on basic physical and chemical properties - General Information - Appearance: Form: Fluid Color: Black - Odor: Solvent-like - Change in condition **Boiling point/Boiling range:** 110 °C (230 °F) - Flash point: 4 °C (39 °F) - Ignition temperature: 400 °C (752 °F) - Explosion limits: Lower: 1.0 Vol % Upper: 7.8 Vol % - Vapor pressure at 20 °C (68 °F): 29 hPa (22 mm Hg) - Density at 20 °C (68 °F): 0.96 g/cm³ (8.011 lbs/gal) - Solubility in / Miscibility with Water: Partly soluble. - Solvent content: Organic solvents: 76.6 % **VOC content:** 76.6 % 735.3 g/l / 6.14 lb/gl - Other information No further relevant information available. 10 Stability and reactivity - Reactivity No further relevant information available. - Chemical stability - Thermal decomposition / conditions to be avoided: To avoid thermal decomposition do not overheat. - Possibility of hazardous reactions Reacts with strong acids and oxidizing agents. - Conditions to avoid No further relevant information available. - Incompatible materials: No further relevant information available.

- Hazardous decomposition products:

None, if used according to instructions and stored according to regulations

(Contd. on page 7)

US

Printing date 09/23/2016

Reviewed on 09/22/2016

Trade name: CILBOND 89 ET

(Contd. of page 6)

Informati	on on toyi	cological effects
- Acute tox		Cological Elicets
- LD/LC50 v	values that	at are relevant for classification:
ATE (Acu	te Toxicity	y Estimates)
Oral	LD50	4490 mg/kg
Dermal	LD50	2507 mg/kg
Inhalative	LC50/4 h	2.86 mg/l
1330-20-7	xylene, n	nixed isomers, pure
Oral	LD50	3523 mg/kg (rat)
Dermal	LD50	1100 mg/kg (ATE)
		11 mg/l (ATE)
108-88-3 t		
Oral	LD50	5000 mg/kg (rat)
	LD50	12124 mg/kg (rab)
		5320 mg/l (mus)
100-41-4	-	
	LD50	3500 mg/kg (rat)
Dermal	LD50	17800 mg/kg (rbt)
		11 mg/l (ATE)
	-	ediphenyl diisocyanate, isomeres and homologues
		11 mg/l (ATE)
	LD50	trosobenzene 1100 mg/kg (ATE)
		11 mg/l (ATE)
		phenylene)bis-1H-pyrrole-2,5-dione
Oral	LD50	500 mg/kg (ATE)
Dermal	LD50	300 mg/kg (ATE)
		0.055 mg/l (Rat)
- Primary in		5 ()
		to skin and mucous membranes.
	l toxicolo	gical information:
Harmful		mixing of this product is guaranteed through continuous physical tests. What
		raw materials are completely integrated into the liquid/pasty mass. The possib
		(H331)", caused through formerly dusty raw materials, is therefore excluded
this mixtur	e.	
Toxic - concernir	na carcino	ogenic substances:
		mixing of this product is guaranteed through continuous physical tests. What
were form	erly dusty	raw materials are completely integrated into the liquid/pasty mass. The possib
•	cause can	cer", caused through formerly dusty raw materials, is therefore excluded in th
mixture.		
- Carcinoge		
		Agency for Research on Cancer) f carcinogenic effect is not given by carbon black (please see also the clue
		COLOGICAL INFORMATION" of chapter 11).
		carcinogenic effect is not given by talc (please see also the clue in "ADDITONA
		NFORMATION" of chapter 11).

1330-20-7 xylene, mixed isomers, pure

(Contd. on page 8)

US

Printing date 09/23/2016

Reviewed on 09/22/2016

Trade name: CILBOND 89 ET

		(Contd. of page 7)
108-88-3	toluene	3
100-41-4	ethylbenzene	2B
9016-87-9	methylenediphenyl diisocyanate, isomeres and homologues	3
1333-86-4	carbon black	2B
7631-86-9	silicon dioxide, chemically prepared	3
14807-96-6	talc (Mg3H2(SiO3)4)	3
79-00-5	1,1,2-trichloroethane	3
- NTP (National Toxicology Program)		
None of the ingredients is listed.		
- OSHA-Ca (Occupational Safety & Health Administration)	
None of the ingredients is listed.		

12 Ecological information

- Toxicity
- Aquatic toxicity:

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment - **Persistence and degradability** No further relevant information available.

- Behavior in environmental systems:
- Bioaccumulative potential No further relevant information available.
- Mobility in soil No further relevant information available.
- Additional ecological information:
- General notes: Do not allow product to reach ground water, water course or sewage system.
- Results of PBT and vPvB assessment
- PBT: Not applicable.
- vPvB: Not applicable.
- Other adverse effects No further relevant information available.

13 Disposal considerations

- Waste treatment methods
- Recommendation: Disposal in accordance with official regulations
- Uncleaned packagings:
- Recommendation: Disposal must be made according to official regulations.

14 Transport information - UN-Number - DOT, ADR, RID, ADN, IMDG, IATA UN1133 - UN proper shipping name - DOT Adhesives - ADR/RID/ADN 1133 Adhesives - IMDG, IATA **ADHESIVES** - Transport hazard class(es) - DOT - Class 3 Flammable liquids (Contd. on page 9) US

Printing date 09/23/2016

Reviewed on 09/22/2016

Trade name: CILBOND 89 ET

	(Contd. of page
Label	3
ADR,RID,ADN, IMDG, IATA	
Class	3 Flammable liquids
Label	3
Packing group	
DOT, ADR, RID, ADN, IMDG, IATA	II
Environmental hazards:	Not applicable.
Special precautions for user	Warning: Flammable liquids
Danger code (Kemler):	30
EMS Number:	F-E,S-D
Stowage Category	A
Transport in bulk according to Annex MARPOL73/78 and the IBC Code	II of Not applicable.
Transport/Additional information:	
ADR/RID/ADN	
Excepted quantities (EQ)	Code: E2
	Maximum net quantity per inner packaging: 30 ml
	Maximum net quantity per outer packaging: 500 ml
IMDG	
Limited quantities (LQ)	5L
Excepted quantities (EQ)	Code: E1
	Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
UN "Model Regulation":	UN 1133 ADHESIVES, 3, II

15 Regulatory information

- Safety, health and environmental regulations/legislation specific for the substance or mixture - Sara

- Section 35	5 (extremely hazardous substances):
None of the	e ingredient is listed.
- Section 31	3 (Specific toxic chemical listings):
1330-20-7	xylene, mixed isomers, pure
108-88-3	toluene
100-41-4	ethylbenzene
9016-87-9	methylenediphenyl diisocyanate, isomeres and homologues
79-00-5	1,1,2-trichloroethane
108-90-7	chlorobenzene
- TSCA (To	kic Substances Control Act):
All ingredie	nts are listed.
- Propositio	n 65
- Chemicals	known to cause cancer:
100-41-4	ethylbenzene
1333-86-4	carbon black
	(Contd. on page 10)

Printing date 09/23/2016

Reviewed on 09/22/2016

Trade name: CILBOND 89 ET

79-00-51,1,2-trichloroethaneC108-90-7chlorobenzeneDTLV (Threshold Limit Value established by ACGIH)1330-20-7xylene, mixed isomers, pureA4108-88-3tolueneA4100-41-4ethylbenzeneA51333-86-4carbon blackA414807-96-6talc (Mg3H2(SiO3)4)A479-00-51,1,2-trichloroethaneA5100-41-4ethylbenzeneA5100-41-4ethylbenzeneA5100-41-4ethylbenzeneA5100-41-4ethylbenzeneA5100-41-4ethylbenzeneA5100-41-4ethylbenzeneA5100-41-4ethylbenzeneA5100-41-4ethylbenzeneA5100-41-4ethylbenzeneA5100-41-4ethylbenzeneA5100-41-4ethylbenzeneA5100-41-4ethylbenzeneA61333-86-4carbon blackA61333-86-4carbon black3614807-96-6talc (Mg3H2(SiO3)4)36	79-00-5	(Contd. c	f page 9
The potential risk of carcinogenic effect is not given by carbon black (please see also the clue 'ADDITONAL TOXICOLOGICAL INFORMATION'' of chapter 11). The potential risk of carcinogenic effect is not given by talc (please see also the clue in 'ADDITONA' TOXICOLOGICAL INFORMATION'' of chapter 11). Chemicals known to cause reproductive toxicity for females: None of the ingredients is listed. Chemicals known to cause reproductive toxicity for males: None of the ingredients is listed. Chemicals known to cause reproductive toxicity for males: None of the ingredients is listed. Chemicals known to cause developmental toxicity: 108-88-3 toluene Cancerogenity categories EPA (Environmental Protection Agency) 1330-20-7 kylene, mixed isomers, pure I 100-41-4 ethylbenzene D 9016-87-9 methylenediphenyl diisocyanate, isomeres and homologues 1333-86-4 carbon black AA 14807-96-6 talc (Mg3H2(SiO3)4) AA 1333-86-4 carbon black AA 14807-96-6 talc (Mg3H2(SiO3)4) AA 1333-86-4 carbon black AA 14807-96-6 talc (Mg3H2(SiO3)4) AA 14807-96-6			
TOXICOLOGICAL INFORMATION" of chapter 11). Chemicals known to cause reproductive toxicity for females: None of the ingredients is listed. Chemicals known to cause reproductive toxicity for males: None of the ingredients is listed. Chemicals known to cause developmental toxicity: 108-88-3 Ioluene Cancerogenity categories EPA (Environmental Protection Agency) 1330-20-7 130-20-7 xylene, mixed isomers, pure I 108-88-3 toluene II 104-88-3 toluene II 105-87-9 methylenediphenyl diisocyanate, isomeres and homologues CB 108-89-7 chlorobenzene D TLV (Threshold Limit Value established by ACGIH) 1330-20-7 xylene, mixed isomers, pure 1330-20-7 xylene, mixed isomers, pure 14807-96-6 14807-96-6 14807-96-7 xylene, mixed isomers, pure 100-14-4 ethylbenzene 100-41-	The poten "ADDITON	tial risk of carcinogenic effect is not given by carbon black (please see also the AL TOXICOLOGICAL INFORMATION" of chapter 11).	
None of the ingredients is listed. Chemicals known to cause reproductive toxicity for males: None of the ingredients is listed. Chemicals known to cause developmental toxicity: 108-88-3 toluene Cancerogenity categories EPA (Environmental Protection Agency) 1330-20-7 xylene, mixed isomers, pure I 108-88-3 toluene II 100-41-4 ethylbenzene D 9016-87-9 methylenediphenyl diisocyanate, isomeres and homologues CBE 79-00-5 1,1,2-trichloroethane C 108-88-3 toluene D 9016-87-9 methylenediphenyl diisocyanate, isomeres and homologues CBE 79-00-5 1,1,2-trichloroethane C 108-90-7 chlorobenzene D 1330-20-7 xylene, mixed isomers, pure Az 100-41-4 ethylbenzene Az 100-41-4 ethylbenzene Az 1033-86-4 carbon black Az 108-90-7 chlorobenzene Az 108-90-7 chlorobenzene Az			TONA
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NIOSH-Ca (National Institute for Occupational Safety and Health)	14807-96-6	6 talc (Mg3H2(SiO3)4)	3B
	79-00-{	5 1,1,2-trichloroethane	3B
1333-86-4 carbon black			
79-00-5 1,1,2-trichloroethane Chemical safety assessment: A Chemical Safety Assessment has not been carried out.			

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

For industrial use only.

- Department issuing SDS:

- Date of preparation / last revision 09/23/2016 / -

- Abbreviations and acronyms:

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

(Contd. on page 11)

Printing date 09/23/2016

Reviewed on 09/22/2016

Trade name: CILBOND 89 ET

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road) IMDG: International Maritime Code for Dangerous Goods DOT: US Department of Transportation IATA: International Air Transport Association ACGIH: American Conference of Governmental Industrial Hygienists EINECS: European Inventory of Existing Commercial Chemical Substances ELINCS: European List of Notified Chemical Substances CAS: Chemical Abstracts Service (division of the American Chemical Society) VOC: Volatile Organic Compounds (USA, EU) LC50: Lethal concentration, 50 percent LD50: Lethal dose, 50 percent DS0: Lethal dose, 50 percent DS0: Every Persistent, Bioaccumulative and Toxic SVHC: Substances of Very High Concern vPvB: very Persistent and very Bioaccumulative NIOSH: National Institute for Occupational Safety OSHA: Occupational Safety & Health TLV: Threshold Limit Value PEL: Permissible Exposure Limit REL: Recommended Exposure Limit BE: Biological Exposure Limit Flam. Liq. 2: Flammable liquids – Category 2 Skin Irrit. 2: Skin sensitisation – Category 1 Skin Sens. 1: Respiratory sensitisation – Category 1 Skin Sens. 1: Respiratory sensitisation – Category 1 Skin Sens. 1: Respiratory sensitisation – Category 2 STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2 Asp. Tox. 1: Aspiration hosticity (repeated exposure) – Category 2 Asp. Tox. 1: Aspiration hosticity (repeated exposure) – Category 2 Asp. Tox. 1: Aspiration hosticity (repeated exposure) – Category 2 Asp. Tox. 1: Aspiration hosticity (repeated exposure) – Category 2 Asp. Tox. 1: Aspiration hosticity (repeated exposure) – Category 2 Asp. Tox. 1: Aspiration hosticity (repeated exposure) – Category 2 Asp. Tox. 1: Aspiration hosticity (repeated exposure) – Category 2 Asp. Tox. 1: Aspiration hosticity (repeated exposure) – Category 2 Asp. Tox. 1: Aspiration hosticity (repeated exposure) – Category 2	ICAO, Internetional Civil Aviation Organization	(Contd. of page 10)
International Carriage of Dangerous Goods by Road) IMDC: International Maritime Code for Dangerous Goods DOT: US Department of Transportation IATA: International Air Transport Association ACGIH: American Conference of Governmental Industrial Hygienists EINECS: European Inventory of Existing Commercial Chemical Substances ELINCS: European Inventory of Existing Commercial Chemical Substances ELINCS: European Inventory of Existing Commercial Chemical Substances ELINCS: European Inventory of Existing Commercial Chemical Substances CAS: Chemical Abstracts Service (division of the American Chemical Society) VOC: Volatile Organic Compounds (USA, EU) LC50: Lethal concentration, 50 percent LD50: Lethal dose, 50 percent PBT: Persistent, Bioaccumulative and Toxic SVHC: Substances of Very High Concern vPvB: very Persistent and very Bioaccumulative NIOSH: National Institute for Occupational Safety OSHA: Occupational Safety & Health TLV: Threshold Limit Value PEL: Permissible Exposure Limit BEI: Biological Exposure Limit BEI: Biological Exposure Limit Flam. Liq. 2: Flammable liquids – Category 2 Skin Irrit. 2: Skin corrosion/irritation – Category 1 Skin Sens. 1: Respiratory sensitisation – Category 1 Skin Sens. 1: Skin sensitisation – Category 2 Repr. 2: Carcinogenicity – Category 2 STOT RE 2: Specific target organ toxicity (single exposure) – Category 2 STOT RE 2: Specific target organ toxicity (single exposure) – Category 2 Asp. Tox. 1: Aspiration hazard – Category 1	ICAO: International Civil Aviation Organisation	a Agreement concerning the
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