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1 Identification		
· Product identifier		
· Trade name:	K-Bond Transparent Flowing	
 Article number: Relevant identified uses of the substance or mixture and uses advised against 	Transparent F No further relevant information available.	
Application of the substance / the		
mixture	Reaction resin	
 Details of the supplier of the sate Manufacturer/Supplier: 	fety data sheet InnoChem LLC 4030 Pleasantdale Road Suite F Doraville, GA 30340	Phone: 770-409-8789 Fax: 770-409-9096 e-mail info@innochemIlc.com
 Information department: Emergency telephone number: 	Laboratory Refer to Manufacturer / Supplier	
2 Hazard(s) identification		
· Classification of the substance	or mixture	
GHS02 Flame		
Flam. Liq. 3 H226 Flammable liq	uid and vapour.	
GHS08 Health hazard		
Carc. 2 H351 Suspected of	causing cancer.	
Repr. 2 H361 Suspected of c	damaging fertility or the unborn child.	
STOT RE 1 H372 Causes damaged	ge to the hearing organs through prolonged or	repeated exposure.
\mathbf{A}		
GHS07		
Skin Irrit. 2 H315 Causes skin ir	ritation.	
Eye Irrit. 2A H319 Causes seriou	is eye irritation.	
Classification according to Directive	ve 67/548/EEC or Directive 1999/45/EC	
Harmful		
Harmful by inhalation. Harmful: o Possible risk of harm to the unborn	danger of serious damage to health by prolo n child.	onged exposure through inhalation.
Irritant		
Irritating to eyes, respiratory syste Flammable.	m and skin.	
Information concerning particular hazards for human and		
environment:	Vapours of the product are heavier than air in mines, drains or cellars with higher concer Contact with akin and inhelation of across	ntration.
	Contact with skin and inhalation of aerosols be avoided.	
Classification system:	The product has to be labelled due to the ca Classification guideline for preparations of th The classification was made according to substances lists, and expanded upon from c	ne EU" in the latest valid version. the latest editions of international

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Trade name: K-Bond Transparent Flowing

	g	
		(Contd. of page 1)
 <u>Label elements</u> <u>GHS label elements</u> 	The product is System (GHS).	s classified and labeled according to the Globally Harmonized
Hazard pictograms		
	(1)	
	GHS02 GHS	607 GHS08
 Signal word 	Danger	
Hazard-determining components		
of labeling:	styrene	
Hazard statements		ble liquid and vapour.
	H315 Causes s	serious eye irritation.
		ed of causing cancer.
	H361 Suspecte	ed of damaging fertility or the unborn child.
	H372 Causes	damage to the hearing organs through prolonged or repeated
	exposure).
 Precautionary statements 	P210	Keep away from heat/sparks/open flames/hot surfaces No
	P260	smoking.
	P280	Do not breathe vapours. Wear protective gloves/protective clothing/eye protection/face
	1200	protection.
	P303+P361+P3	353 If on skin (or hair): Take off immediately all contaminated
		clothing. Rinse skin with water/shower.
	P305+P351+P3	338 If in eyes: Rinse cautiously with water for several minutes.
		Remove contact lenses, if present and easy to do. Continue
	D044	rinsing.
	P314 P405	Get medical advice/attention if you feel unwell. Store locked up.
	P403 P403+P235	Store in a well-ventilated place. Keep cool.
	P501	Dispose of contents/container in accordance with local/
		regional/national/international regulations.
 Classification system: 		
 NFPA ratings (scale 0 - 4) 		ealth = 1
		ire = 3
		eactivity = 0
 HMIS-ratings (scale 0 - 4) 		Health = *1
		Fire = 3
	REACTIVITY 0	Reactivity = 0
· Other hazards		sing and product hardening the network generator is released as
		uently, take care for adequate air conditioning and for fume
	exhaustion on r	request.
 Results of PBT and vPvB assessr PBT: 	Not applicable.	
• vPvB:	Not applicable.	
<u></u>		
3 Composition/information on ing	iredients	
 Chemical characterization: Mixt 	ures	

Chemical characterization: Mixtures Mixture of the substances listed below with nonhazardous additions. · Description:

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Trade name: K-Bond Transparent Flowing

	(Contd. of pag
· Dangerous components:	
CAS: 100-42-5 EINECS: 202-851-5 Index number: 601-026-00-0	styrene 25-50 Xn R20-48/20-63; Xi R36/37/38 R10
index number. 001-020-00-0	Repr. Cat. 3
	🔞 Flam. Lig. 3, H226
	Carc. 2, H351; Repr. 2, H361; STOT RE 1, H372 Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2A, H319
Additional information:	For the wording of the listed risk phrases refer to section 16.
4 First-aid measures	
· Description of first aid meas	sures
General information:	Take affected persons out into the fresh air.
	Position and transport stably on side.
	Immediately remove any clothing soiled by the product. Symptoms of poisoning may even occur after several hours; therefore med
	observation for at least 48 hours after the accident.
After inhalation:	Supply fresh air. If required, provide artificial respiration. Keep patient wa
	Consult doctor if symptoms persist.
	In case of unconsciousness place patient stably in side position
	transportation.
After skin contact:	If skin irritation continues, consult a doctor.
	Immediately wash with water and soap and rinse thoroughly.
<u>After eye contact:</u>	Rinse opened eye for several minutes under running water. If symptoms pers
After swallowing:	If symptoms persist consult doctor.
 Information for doctor: 	 With reference to section 2 the formulation contains styrene in the indica mass concentration range. Styrene fumes will preferably be incorporated inhalation via respiratory tract, skin resorption is currently considered as inferior way of incorporation. In case of inhalation styrene is absorbed in a 90% range. Distribution in organism occurs rapidly, the maximum blo concentration can be analyzed after one hour after incorporation. Styre exposition affects skin, mucous membranes, and central nervous system (CN Acute damages / risks to health: In case of styrene poisoning mainly damages to and interactions with cen nervous system (CNS) arise. In concentration ranges above 200 ml/ symptoms such as fatigue, nausea, imbalance and prolonged response tin are observed. Chronical health risks: Effects at central and peripheral nervous system and respiratory tract evident in literature.
	Main health risks are: - prolonged response times - reduced cognitive performance, partial amnesia - retardation of nervous impulse transition speed
	- disturbances of pulmonary function
Most important symptoms and delays	
effects, both acute and delaye	ed Breathing difficulty Headache
	Dizziness
	Coughing
	Nausea
· Danger	Danger of impaired breathing.
	(Contd. on pag

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- US

Trade name: K-Bond Transparent Flowing	
La Practica de la Caractería	(Contd. of page 3)
Indication of any immediate	
medical attention and special treatment needed	If awallowed, apartria irrigation with added, activated parton
	If swallowed, gastric irrigation with added, activated carbon.
5 Fire-fighting measures	
 Extinguishing media 	
Suitable extinguishing agents:	CO2, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
 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.
	In case of fire, the following can be released:
	Carbon monoxide (CO)
	Nitrogen oxides (NOx)
	In certain fire conditions, traces of other toxic gases cannot be excluded.
Advice for firefighters	Mana alf contained mention to material and a diversity of
Protective equipment:	Wear self-contained respiratory protective device.
	Do not inhale explosion gases or combustion gases.
	Wear fully protective suit.
Additional information	Mount respiratory protective device.
Additional information	Dispose of fire debris and contaminated fire fighting water in accordance with
	official regulations.
	Collect contaminated fire fighting water separately. It must not enter the sewage system.
6 Accidental release measures	
· Personal precautions, protective	
equipment and emergency	
procedures	Ensure adequate ventilation
	Koon over from ignition courses

	Wear protective equipment. Keep unprotected persons away.
 Environmental precautions: 	Do not allow product to reach sewage system or any water co

Enclose a second all second and the second	
 Environmental precautions: 	Do not allow product to reach sewage system or any water course.
	Inform respective authorities in case of seepage into water course or sewage
	system.
	Do not allow to enter sewers/ surface or ground water.
 Methods and material for 	
containment and cleaning up:	Dispose of the collected material according to regulations.
_ .	Absorb with liquid-binding material (sand, diatomite, acid binders, universal
	binders, sawdust).
	Dispose contaminated material as waste according to item 13.
	Ensure adequate ventilation.
· Reference to other sections	See Section 7 for information on safe handling.
· Neletence to other sections	
	See Section 8 for information on personal protection equipment.
	See Section 13 for disposal information.

Use respiratory protective device against the effects of fumes/dust/aerosol.

Keep away from ignition sources

7 Handling and storage

· Handling:

Precautions for safe handling	Keep receptacles tightly sealed.
_ _	Store in cool, dry place in tightly closed receptacles.
	Keep away from heat and direct sunlight.
	Ensure good interior ventilation, especially at floor level. (Fumes are heavier
	than air).
	Use only in well ventilated areas.
	(Contd. on page 5)

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Trade name: K-Bond Transparent Flowing

	(Contd. of page 4)
	Ensure good ventilation/exhaustion at the workplace.
 Information about protection against explosions and fires: 	Keep ignition sources away - Do not smoke. Protect against electrostatic charges.
· Conditions for safe storage, incl	uding any incompatibilities
Storage:	
• Requirements to be met by	Others with the existence of the large starts
storerooms and receptacles:	Store only in the original receptacle. Prevent any seepage into the ground.
 Information about storage in one 	Flevent any seepage into the ground.
common storage facility:	Store away from oxidizing agents.
<u> </u>	Store away from foodstuffs.
Further information about storage	
conditions:	Store receptacle in a well ventilated area.
Storage class:	Keep receptacle tightly sealed.
· Specific end use(s)	No further relevant information available.
8 Exposure controls/personal prot	rection
Additional information about	No. for all second states as a state of T
design of technical systems:	No further data; see item 7.
· Control parameters	
 Components with limit values that 	require monitoring at the workplace:
100-42-5 styrene	
PEL Long-term value: 100 ppm	
Ceiling limit value: 200; 600*	ppm
*5-min peak in any 3 hrs	100
REL Short-term value: 425 mg/m ³ Long-term value: 215 mg/m ³ ,	
TLV Short-term value: 170 mg/m ³	
Long-term value: 85 mg/m ³ , 2	
BEI	-• pp
Ingredients with biological limit value	IAS.
100-42-5 styrene	
BEI 400 mg/g creatinine	
Medium: urine	
Time: end of shift	
Parameter: Mandelic acid plus	s phenylglyoxylic acid (nonspecific)
0.0	
0.2 mg/L Medium: venous blood	
Time: end of shift	
Parameter: Styrene (semi-qua	antitative)
Additional information:	The lists that were valid during the creation were used as basis.
· Exposure controls	-
Personal protective equipment:	
General protective and hygienic	
measures:	Do not eat, drink, smoke or sniff while working.
	Use skin protection cream for skin protection.
	Clean skin thoroughly immediately after handling the product.
	Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing.
	Wash hands before breaks and at the end of work.
	Do not inhale gases / fumes / aerosols.
	Avoid contact with the eyes and skin.

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Trade name: K-Bond Transparent Fl	owing
	(Contd. of page 5)
Breathing equipment:	Short term filter device:
	Filter A/P2 In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.
 Protection of hands: 	After use of gloves apply skin-cleaning agents and skin cosmetics. Preventive skin protection by use of skin-protecting agents is recommended. The protection gloves to be used have to comply with the specifications of the directive 89/686/EC and the directive derived decree EN374, respectively, e.g. the above listed protection glove type. The mentioned permeation times' data were generated and verified with material samples of the recommended protection glove type in the scope of laboratory anylyses of the company KCL CmbH in compliance with EN274
	GmbH in compliance with EN374. This recommendation refers exclusively to the material safety data sheet referenced product delivered by Akemi and the indicated field of application. In case of product dilution or in case of mixture with different substances or chemicals, and in condition of EN374 deviation the producer of CE-approved protection gloves must be contacted for detailed information (e.g., KCL GmbH, Germany, 36124 Eichenzell, internet: http://www.kcl.de).
	Protective gloves
	The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
 <u>Material of gloves</u> 	Fluorocarbon rubber (Viton) The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
 Penetration time of glove material 	Value for the permeation: Level \leq 6, 480 min The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.
 For the permanent contact gloves made of the following materials are 	
suitable:	Fluorocarbon rubber (Viton)
 As protection from splashes gloves made of the following materials are 	
suitable:	Fluorocarbon rubber (Viton) Vitoject (KCL, Art No. 890) Nitrile rubber, NBR Camatril (KCL, 730, 731, 732, 733) Butyl rubber, BR Butoject (KCL, Art No. 897, 898)
Not suitable are gloves made of the following metaricle:	
the following materials:	Natural rubber, NR Leather gloves Strong gloves
<u>Eye protection:</u>	Tightly sealed goggles
	(Contd. on page 7)

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Trade name: K-Bond Transparent Flowing		
Body protection:	(Contd. of page 6) Protective work clothing	
9 Physical and chemical propertie	es	
 Information on basic physical a General Information Appearance: Form: Color: Odor: 	nd chemical properties Fluid Yellow Aromatic	
<u>Change in condition</u> <u>Melting point/Melting range:</u> <u>Boiling point/Boiling range:</u>	Undetermined. 145 °C (293 °F)	
 Flash point: 	31 °C (88 °F)	
Ignition temperature:	480 °C (896 °F)	
<u>Auto igniting:</u>	Product is not selfigniting.	
· Danger of explosion:	Product is not explosive. However, formation of explosive air/vapor mixtures are possible.	
Explosion limits: Lower: Upper:	1.2 Vol % 8.9 Vol %	
· Vapor pressure at 20 °C (68 °F):	6 hPa (5 mm Hg)	
Density at 20 °C (68 °F):	1.1 g/cm³ (9.18 lbs/gal)	
Specific gravity at 20 °C (68 °F):	1.1 g/cm³ (9.18 lbs/gal)	
Solubility in / Miscibility with <u>Water:</u>	Not miscible or difficult to mix.	
<u>Viscosity:</u> <u>Dynamic:</u> <u>Kinematic:</u>	Not determined. Not determined.	
<u>Solvent content:</u> <u>Organic solvents:</u>	33.8 %	
Solids content: • Other information	66.2 % No further relevant information available.	

10 Stability and reactivity

· Reactivity

products:

Chemical stability	
 Thermal decomposition / 	
conditions to be avoided:	No decomposition if used and stored according to specifications.
 Possibility of hazardous 	
reactions	Exothermic polymerization.
	Reacts with strong oxidizing agents.
	Reacts with strong alkali.
	Reacts with strong acids.
	Reacts with peroxides and other radical forming substances.
 Conditions to avoid 	No further relevant information available.
 Incompatible materials: 	No further relevant information available.
 Hazardous decomposition 	

Hydrogen chloride (HCl) Nitrogen oxides (NOx)

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Trade name:	K-Bond T	ransparent Flowing
		(Contd. of page Carbon monoxide and carbon dioxide Possible in traces.
11 Toxicolog	jical infori	mation
 Information Acute toxic 		icological effects
		t are relevant for classification:
ATE (Acu	te Toxicity	y Estimates)
Oral	LD50	14793 mg/kg (rat)
Dermal	LD50	5917 mg/kg (rat)
Inhalative	LC50/4 h	34.9 mg/l (rat)
100-42-5 s	styrene	
Oral	LD50	5000 mg/kg (rat)
Dermal	LD50	>2000 mg/kg (rat) (OECD-Prüfrichtlinie 402)
Inhalative	LC50/4 h	11.8 mg/l (rat)
	LC50/4h	9.5 mg/m3 (mouse)
	NOAEC	4.34 mg/l (rat)
 Primary irr on the skir on the eye Sensitizati Experience Additional information 	<u>n:</u> <u>e</u> with hum toxicologio	Irritant to skin and mucous membranes. Irritating effect. Sensitization possible through skin contact. After incorporation and inhalation styrene predominantly will be metabolized the organism to mandelic and phenylglyoxylic acid and matabolites will pa through urine excretion.
· Carcinoge		
		Agency for Research on Cancer)
100-42-5	•	21
		ology Program)
100-42-5	•	F
	- · _ ·	ional Safety & Health Administration)
None of th	e ingredie	ents is listed.
12 Ecologica	al informat	tion

· <u>Toxicity</u>			
· Aquatic toxicity:			
100-42-5 styrene			
EC10	0.28 mg/l (Pseudokirchneriella subcapitata) (EPA OTS 797.1050)		
EC10/16h	72 mg/l (pseudomonas putida)		
EC20/0.5h	140 mg/l (BES) (OECD 209)		
EC50	500 mg/l (BES) (ISO Vorschrift 8192-1986 E)		
	5.5 mg/l (Photobac. phosphoreum)		
EC50/16h	> 72.0 mg mg/l (pseudomonas putida)		
EC50/48h	0.56 mg/l (green alge)		

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		(Contd. of	page 8)	
	4.7 mg/l (daphnia magna)			
EC50/72h	0.46-4.9 mg/l (Pseudokirchneriella subcapitata)			
EC50/72u	>1-<10 mg/l (green alge)			
EC50/8d	> 200 mg/l (Scenedesmus quadricauda)			
EC50/96h	0.15-3.2 mg/l (Pseudokirchneriella subcapitata)			
IC5/8d	> 200 mg/l (Scenedesmus quadricauda)			
IC50/72h	4.9 mg/l (green alge)			
	1.4 mg mg/l (selenastr	rum capricornutum)		
LC50/72h	4.9 mg/l (green alge)			
LC50/96h	>1-<10 mg/l (piscis)			
	25.0 mg/l (lem)			
	32 mg/l (pimephales p	promelas)		
	4.02 mg/l (Pimephales			
	58.75-95.32 mg/l (poecilia reticulata)			
· Persisten	ce and degradability	No further relevant information available.]	
· Behavior	in environmental syste	ems:		
	ulative potential	No further relevant information available.		
Mobility in	<u>soil</u> I ecological informatic	No further relevant information available.		
· General no	ntes.	Water hazard class 2 (Self-assessment): hazardous for water		
	FPBT and vPvB asses			
· PBT:		Not applicable.		
· <u>vPvB:</u>		Not applicable.		
Other adverse effects		No further relevant information available.		
-	considerations			
	atment methods			
• <u>Recomme</u>	ndation:	Must not be disposed of together with household garbage. Do not allow p to reach sewage system.	roduct	
 Uncleaned packagings: Recommendation: Empty contaminated packagings thoroughly. They can be recycled a 			oftor	
· <u>Recommen</u>		thorough and proper cleaning.	anei	
· <u>Recomme</u>	nded cleansing agent:	Alcohol		
14 Transport information				
· UN-Numb	er			

14	Irans	port	Intor	matio	on

· <u>UN-Number</u> · <u>D</u> OT, ADR, IMDG, IATA	UN3269	
 • UN proper shipping name • DOT • ADR • IMDG, IATA 	Polyester resin kit 3269 Polyester resin kit POLYESTER RESIN KIT	
· Transport hazard class(es)		
· <u>DOT</u>		
· <u>Class</u>	3 Flammable liquids	
		(Contd. on page 10)

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Trade name: K-Bond Transparent Flowing	
	(Contd. of page 9)
· Label	3
· <u>ADR</u>	
· <u>Class</u>	3 (F1) Flammable liquids
· <u>Label</u>	3
· <u>IMDG, IATA</u>	
· <u>Class</u>	3 Flammable liquids
· <u>Label</u>	3
· <u>Packing group</u> · DOT, ADR, IMDG, IATA	Ш
• Environmental hazards:	
<u>Marine pollutant:</u>	No
Special precautions for user Danger code (Kemler):	Warning: Flammable liquids
· EMS Number:	- F-E,S-E
· Transport in bulk according to Annex I	ll of
MARPOL73/78 and the IBC Code	Not applicable.
· Transport/Additional information:	
· <u>ADR</u>	
Excepted quantities (EQ)	Code: See
· IMDG	
 Limited quantities (LQ) Excepted quantities (EQ) 	5L Code: See SP340
· UN "Model Regulation":	UN3269, Polyester resin kit, 3, III
or model Regulation .	

15 Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture Sara Section 355 (extremely hazardous substances):

None of the ingredient is listed.

· Section 313 (Specific toxic chemical listings):

All ingredients are listed.

· TSCA (Toxic Substances Control Act):

All ingredients are listed.

Proposition 65

Chemicals known to cause cancer:

None of the ingredients is listed.

· Chemicals known to cause reproductive toxicity for females:

None of the ingredients is listed.

(Contd. on page 11)

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-US-

Trade name: K-Bond Transparent Flowing					
		(Contd. of page 10)			
Chemicals known to cause reprodu	Chemicals known to cause reproductive toxicity for males:				
None of the ingredients is listed.	None of the ingredients is listed.				
Chemicals known to cause develop	mental toxicity:				
None of the ingredients is listed.					
Cancerogenity categories					
EPA (Environmental Protection Age	ency)				
None of the ingredients is listed.					
• TLV (Threshold Limit Value established)	shed by ACGIH)				
100-42-5 styrene		A4			
• MAK (German Maximum Workplac	e Concentration)				
100-42-5 styrene		5			
NIOSH-Ca (National Institute for O	ccupational Safety a	and Health)			
None of the ingredients is listed.					
· GHS label elements	The product is cla System (GHS).	assified and labeled according to the Globally Harmonized			
 Hazard pictograms 	$\wedge \wedge$	\wedge			
	GHS02 GHS07	GHS08			
- Signal word	Danger				
Hazard-determining components	5				
of labeling:	styrene				
 Hazard statements 	H226 Flammable I				
	H315 Causes skin H319 Causes serie				
	H351 Suspected o				
		f damaging fertility or the unborn child.			
	H3/2 Causes dar exposure.	nage to the hearing organs through prolonged or repeated			
Precautionary statements	P210	Keep away from heat/sparks/open flames/hot surfaces No			
	P260	smoking. Do not breathe vapours.			
	P280	Wear protective gloves/protective clothing/eye protection/face			
	P303+P361+P353	protection. If on skin (or hair): Take off immediately all contaminated			
	D005 · D054 · D000	clothing. Rinse skin with water/shower.			
	P305+P351+P338	If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue			
	D21/	rinsing.			
	P314 P405	Get medical advice/attention if you feel unwell. Store locked up.			
	P403+P235	Store in a well-ventilated place. Keep cool.			
	P501	Dispose of contents/container in accordance with local/ regional/national/international regulations.			
National regulations:					
Information about limitation of use: Employment restrictions concerning young persons must be observed.					
monnation about initiation of doc.		ictions concerning pregnant and lactating women must be			
Water hazard class:	Water hazard clas	s 2 (Self-assessment): hazardous for water.			
· VOC USA	371.8 g/l / 3.10 lb/g				
	-	(Contd. on page 12)			

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US

Trade name: K-Bond Transparent Flowing (Contd. of page 11) · 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. · Department issuing SDS: Laboratory 04/07/2015 / 1 Date of preparation / last revision RID: Règlement international concernant le transport des marchandises dangereuses par chemin de · Abbreviations and acronyms: fer (Regulations Concerning the International Transport of Dangerous Goods by Rail) ICAO: International Civil Aviation Organisation 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) NFPA: National Fire Protection Association (USA) HMIS: Hazardous Materials Identification System (USA) LC50: Lethal concentration, 50 percent LD50: Lethal dose, 50 percent Flam. Liq. 3: Flammable liquids, Hazard Category 3 Acute Tox. 4: Acute toxicity, Hazard Category 4 Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2 Eye Irrit. 2A: Serious eye damage/eye irritation, Hazard Category 2A Carc. 2: Carcinogenicity, Hazard Category 2 Repr. 2: Reproductive toxicity, Hazard Category 2 STOT RE 1: Specific target organ toxicity - Repeated exposure, Hazard Category 1 · International Product Registration AUS (Australian Inventory of Chemical Substances, AICS) Status CDN (Canadian Domestic Substances List, DSL) ROK (Korean Existing Chemical Inventory, ECI)