

Material Safety Data Sheet

Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II - Europe

Version : 01


Date of revision : 2020/11/30

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SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier	
	Kinetics Shield Rubber Base 15ml Item #: KGPRBN
1.2. Relevant identified uses of the substance or mixture and uses advised against	
Identified uses	Professional gel polish.
Uses advised against	Manufacture of food products.
1.3. Details of the supplier of the safety data sheet	
Responsible person:	Kinetics Nail Systems, Ltd 3K Kurzemes pr., Riga, Latvia, LV-1067, Latvia TEL: +(371) 6 7295 260 FAX: +(371) 6 7873 525 e-mail: info@kineticsbeauty.com web: www.kineticsbeauty.com E-mail of person responsible for Product Safety Data Sheet: info@kineticsbeauty.com
1.4. Emergency telephone number	
	EU:112 Emergency telephone for other regions to be filled out by local business

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture	
According to regulation (EC) No 1272/2008:	Skin Sens. 1B, H317 Eye Irrit. 2, H319 Aquatic Chronic 2, H411
Important adverse physicochemical, human health and environmental effects:	Skin Sens. 1B - Sensitisation — Skin, Hazard Category 1B; H317 May cause an allergic skin reaction. Eye Irrit. 2 - Serious eye damage/eye irritation, Hazard Category 2; H319 Causes serious eye irritation. Aquatic Chronic 2 - Long-term (chronic) aquatic hazard, Category 2; H411 Toxic to aquatic life with long lasting effects.
2.2. Label elements	
According to regulation (EC) No 1272/2008: (Applicable from 01.06.2015)	 <p>Warning</p> <p>H317 May cause an allergic skin reaction. H319 Causes serious eye irritation. H411 Toxic to aquatic life with long lasting effects.</p> <p>Contain: DI-HEMA TRIMETHYLHEXYL DICARBAMATE; HYDROXYPROPYL METHACRYLATE; ETHYL TRIMETHYLBENZOYL PHENYLPHOSPHINATE.</p> <p>P101 If medical advice is needed, have product container or label at hand. P102 Keep out of reach of children. P261 Avoid breathing fume/vapours.</p>

Kinetics Shield Rubber Base 15ml KGPRBN

	<p>P264 Wash hands thoroughly after handling.</p> <p>P272 Contaminated work clothing should not be allowed out of the workplace.</p> <p>P273 Avoid release to the environment.</p> <p>P280 Wear protective gloves/eye protection.</p> <p>P302+P352 IF ON SKIN: Wash with plenty of soap and water.</p> <p>P333+P313 If skin irritation or rash occurs: Get medical advice/attention.</p> <p>P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P337+P313 If eye irritation persists: Get medical advice/attention.</p> <p>P362+P364 Take off contaminated clothing and wash it before reuse.</p> <p>P391 Collect spillage.</p> <p>P501 Dispose of contents/ container to in accordance with local/ regional/ national/ international regulation.</p>
2.3. Other hazards	
	Product does not meet the criteria for PBT or vPvB in accordance with Annex XIII of REACH (Regulation (EC) No 1907/2006).

See section 11 for more detailed information on health effects and symptoms.

SECTION 3: Composition/information on ingredients

3.1. Substances	No relevant.
3.2. Mixtures	Mixture of acrylic monomers and other ingredient.

Ingredient name (INCI)	INDEX	CAS Numbers:	EINECS:	Conc. %	Classification Regulation (EC) 1272/2008 (CLP)	Type
DI-HEMA TRIMETHYLHEXYL DICARBAMATE (7,7,9(or 7,9,9)-trimethyl-4,13-dioxo-3,14-dioxo-5,12-diazahexadecane-1,16-diyl bismethacrylate)	N/A	72869-86-4	276-957-5	70-80	Skin Sens. 1B, H317 Aquatic Chronic 2, H411	[1]
HYDROXYPROPYL METHACRYLATE (Methacrylic acid, monoester with propane-1,2-diol)	N/A	27813-02-1	248-666-3	5-15	Skin Sens. 1, H317 Eye Irrit. 2, H319	[1]
ISOBORNYL METHACRYLATE (Exo-1,7,7-trimethylbicyclo[2.2.1]hept-2-yl methacrylate)	N/A	7534-94-3	231-403-1	1-10	Aquatic Chronic 3, H412	[1]
ETHYL TRIMETHYLBENZOYL PHENYLPHOSPHINATE (Ethyl phenyl(2,4,6-trimethylbenzoyl)phosphinate)	N/A	84434-11-7	282-810-6	1-5	Skin Sens. 1B, H317 Aquatic Chronic 2, H411	[1]
ACETIC ACID	607-002-00-6	64-19-7	200-580-7	<1	Flam. Liq. 3, H226 Skin Corr. 1A, H314 <i>Specific concentration limits:</i> Eye Irrit. 2; H319: 10 % ≤ C < 25 % Skin Corr. 1A; H314: C ≥ 90 % Skin Corr. 1B; H314: 25 % ≤ C < 90 % Skin Irrit. 2; H315: 10 % ≤ C < 25 %	[1] [2]

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

See section 16 for the full text of the R and H phrases declared above.

Occupational exposure limits, if available, are listed in section 8.

[1] Substance classified with a health or environmental hazard

[2] Substance with a workplace exposure limit

[3] PBT-substance

Kinetics Shield Rubber Base 15ml KGPRBN

[4] vPvB-substance

SECTION 4: First aid measures

4.1. Description of first aid measures	
General advice:	Remove contaminated clothing.
Inhalation:	Remove to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult, give oxygen. Get medical attention.
Skin contact:	Remove contaminated clothing and wash before reuse. Remove and destroy contaminated shoes. Flush with plenty of water. Obtain medical attention if irritation persists.
Eye contact:	Immediately wash the eyes with plenty of water for at least 15 min holding the eye open. Obtain medical attention if irritation persists.
Ingestion:	Do not INDUCE VOMITING. Rinse mouth with water. Get medical attention IMMEDIATELY.
4.2. Most important symptoms and effects, both acute and delayed	
Inhalation:	Irritation, coughing.
Skin contact:	Redness, inflammation. Rash, Urticaria.
Eye contact:	Causes serious eye irritation, may cause pain and watering.
Ingestion:	Gastrointestinal symptoms, such as nausea, vomiting, abdominal pain, and diarrhea could develop.
4.3. Indication of any immediate medical attention and special treatment needed	
Specific treatments:	Treatment: Treat according to symptoms (decontamination, vital functions), no known specific antidote. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.

See section 11 for more detailed information on health effects and symptoms.

SECTION 5: Firefighting measures

5.1. Extinguishing media	
Suitable extinguishing media:	Use dry chemical, CO ₂ , water spray (fog) or foam. Use an extinguishing agent suitable for the surrounding fire.
Unsuitable extinguishing media:	Do not use full power water jet.
5.2. Special hazards arising from the substance or mixture	
	Hazards from the substance or mixture: In a fire or if heated, a pressure increase will occur and the container may burst. This material is toxic to aquatic life with long lasting effects. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain. Hazardous combustion products: Decomposition products may include the following materials: carbon dioxide carbon monoxide nitrogen oxides
5.3. Advice for firefighters	
	Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear. During emergency conditions, overexposure to decomposition products may cause a health hazard; symptoms may not be immediately apparent. Obtain medical attention.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures	
For non-emergency personnel:	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Avoid breathing vapour or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
For emergency responders:	If specialised clothing is required to deal with the spillage, take note of any information in Section "Exposure controls/personal protection" on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
6.2. Environmental precautions	
	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and

Kinetics Shield Rubber Base 15ml KGPRBN

	sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). Water polluting material. May be harmful to the environment if released in large quantities. Collect spillage.
6.3. Methods and material for containment and cleaning up	
	<p>Small spill: Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.</p> <p>Large spill: Stop leak if without risk. Move containers from spill area. Approach the release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spill product.</p>
6.4. Reference to other sections	
	<p>See Section 1 for emergency contact information.</p> <p>See Section 8 for information on appropriate personal protective equipment.</p> <p>See Section 13 for additional waste treatment information.</p>





SECTION 7: Handling and storage

7.1. Precautions for safe handling	
Protective measures:	Put on appropriate personal protective equipment (see Section "Exposure controls/personal protection"). Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing vapour or mist. Avoid release to the environment. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.
Advice on general occupational hygiene:	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section "Exposure controls/personal protection" for additional information on hygiene measures.
7.2. Conditions for safe storage, including any incompatibilities	
Storage:	<p>Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section "Stability and reactivity") and food and drink. Keep container tightly closed and sealed until ready for use.</p> <p>Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section "Stability and reactivity" for incompatible materials before handling or use.</p>
7.3. Specific end use(s)	
Industrial sector specific solutions:	Product is for professional use only.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters	
Occupational exposure limits	<p>Limit values are laid down throughout the EU, but each Member State establishes its own national OELs, often going beyond EU legislation. OELs are set by competent national authorities and other relevant institutions.</p> <p>EU: <u>ACETIC ACID:</u> Long-term exposure limit, 8-hr OEL: 25 mg/m³; 10 ppm. Short-term exposure limit, 15-min OEL: 50 mg/m³; 20 ppm.</p> <p>United Kingdom (HSE, 2011): Not applicable.</p> <p>Germany (TRGS-900):</p>

Kinetics Shield Rubber Base 15ml KGPRBN

	<p>ACETIC ACID: Long-term exposure limit, 8-hr TWA reference period: 25 mg/m³; 10 ppm.</p> <p>Latvia (AER, reg.325/2011): ACETIC ACID: Long-term exposure limit, 8-hr AER: 25 mg/m³; 10 ppm. Short-term exposure limit, 15-min AER: 50 mg/m³; 20 ppm.</p>
Recommended monitoring Procedures:	If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to European Standard EN 689 for methods for the assessment of exposure by inhalation to chemical agents and national guidance documents for methods for the determination of hazardous substances.
8.2. Manufacturer: Exposure controls	
Appropriate engineering Controls:	Ensure good ventilation/extraction.
Individual protection measures:	
Hygiene measures:	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing.
Respiratory protection	 Ensure adequate ventilation. An approved mask or respirator fitted with an organic vapour cartridge should be worn if the product is used in a poorly ventilated area.
Eye/face protection:	 Safety glasses with sideshields or chemical safety goggles should be worn if there is a risk of splashing.
Skin protection:	  Chemical-resistant protective gloves (EN 374). Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated. This information is based on literature references and on information provided by glove manufacturers, or is derived by analogy with similar substances. Please note that in practice the working life of chemical-resistant protective gloves may be considerably shorter than the permeation time determined in accordance with EN 374 as a result of the many influencing factors (e.g. temperature). If signs of wear and tear are noticed then the gloves should be replaced. Wear suitable protective clothing.
Environmental exposure controls:	
	According to available technology.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties	
Appearance	
Physical state	Viscous liquid
Colour	Various.
Odour	Characteristic (acrylic odour is possible).
Odour threshold	Not available.
pH at 25 °C	Not applicable.
Melting point/freezing point	Not available.
Initial boiling point and boiling range	Not available.

Kinetics Shield Rubber Base 15ml KGPRBN

Flash point	Not available.
Evaporation rate	Not available
Flammability (solid, gas)	Not applicable.
Upper/lower flammability or explosive limits	Not available.
Vapour pressure	Not available.
Vapour density	Not available.
Relative density	Not available.
Solubility(ies)	Not available.
Partition coefficient: n-octanol/water	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not available.
Evaporation Rate	Not available.
Explosive properties	Not available.
Oxidising properties	Not available
9.2. Other information	
Impurity	Not available

SECTION 10: Stability and reactivity

10.1. Reactivity	
	No hazardous reactions if stored and handled as prescribed/indicated.
10.2. Chemical stability	
	Stable under recommended storage conditions.
10.3. Possibility of hazardous reactions	
	Polymerization is possible when exposed to white light, ultraviolet light or heat.
10.4. Conditions to avoid	
	Sun-Light, UV-Light, un-clean conditions to avoid during storage.
10.5. Incompatible materials	
	Strong alkalis, metals, free radical initiators.
10.6. Hazardous decomposition products	
	Fumes produced when heated to decomposition may include: Toxic carbon monoxide, carbon dioxide, nitrogen oxides.

SECTION 11: Toxicological information

11.1. Information on toxicological effects				
Product:	ATE mix Oral calculation: >2000 mg/kg, not classified as acute toxic.			
Ingredients:				
Acute toxicity:	Result	Species	Dose	Exposure
Urethane Dimethacrylate	LD50, oral	Rat	> 5 000 mg/kg bw	-
	LD50, dermal	Rat	> 2 000 mg/kg bw	-
Methacrylic acid, monoester with propane-1,2-diol	LD50, oral	Rat	>= 2 000 mg/kg bw	
	LD50 Dermal	Rabbit	> 5 000 mg/kg bw	
Exo-1,7,7-trimethylbicyclo[2.2.1]hept-2-yl methacrylate (Isobornyl methacrylate)	LD50 Oral	Rat	> 2000 mg/kg bw	
	Screening test Saturated atmosphere	Rat	For 1 hour. No toxicity was observed.	1 h
	LD50 Dermal	Rabbit	> 3 000 mg/kg bw	
Ethyl Trimethylbenzoyl Phenylphosphinate	LD50, oral	Rat	> 5 000 mg/kg bw	-
	LC50, inhal.	Rat	>= 0 mg/L air	7 h
	LD50, dermal	Rat	>= 2 000 mg/kg bw	-
Acetic acid	LD50, oral	Rat	3 310 mg/kg bw	
	LC50, inhal.	Rat	> 16 000 ppm	4 h
Eye irritation:	Eye Irrit. 2, H319			
Methacrylic acid, monoester with propane-1,2-diol	Irritating.			

Kinetics Shield Rubber Base 15ml KGPRBN

Acetic acid	100%: Corrosive. <1%: Not classified.
Skin irritation/ corrosion:	Not classified.
Acetic acid	100%: Corrosive. <1%: Not classified.
Sensitisation:	Skin Sens. 1B, H317
Urethane Dimethacrylate	Sensitizing to the skin.
Methacrylic acid, monoester with propane-1,2-diol	Sensitizing to the skin.
Ethyl Trimethylbenzoyl Phenylphosphinate	Sensitizing to the skin.
Repeated dose toxicity:	No known effect according to our database.
Carcinogenicity:	No known effect according to our database.
Mutagenicity:	No known effect according to our database.
Toxicity for reproduction:	No known effect according to our database.
Specific target organ toxicity	No known effect according to our database.
Potential acute health effects	
Eye contact:	Causes serious eye irritation, may cause pain and watering.
Inhalation:	Irritation, coughing.
Skin contact:	Redness, inflammation. Rash, Urticaria.
Ingestion:	Gastrointestinal symptoms, such as nausea, vomiting, abdominal pain, and diarrhea could develop.
Symptoms related to the physical, chemical and toxicological characteristics	
Eye contact:	No specific data.
Inhalation:	No specific data.
Skin contact:	No specific data.
Ingestion:	No specific data.
Delayed and immediate effects and also chronic effects from short and long term exposure	
Short term exposure:	
Potential immediate effects:	Not available.
Potential delayed effects:	Not available.
Long term exposure:	
Potential immediate effects:	Not available.
Potential delayed effects:	Not available.
Potential chronic health effects:	
Conclusion/Summary	Not available.
General	No known significant effects or critical hazards.
Carcinogenicity	No known significant effects or critical hazards.
Mutagenicity	No known significant effects or critical hazards.
Teratogenicity	No known significant effects or critical hazards.
Developmental effects	No known significant effects or critical hazards.
Fertility effects	No known significant effects or critical hazards.
11.2. Other information	
	Not available.

SECTION 12: Ecological information

12.1. Toxicity						
Aquatic toxicity						
Urethane Dimethacrylate	Fish	Danio rerio	96 h	LC50	10.1 mg/L	-
	Daphnia	Daphnia magna	48 h	EC50	> 1.2 mg/L	-
	Algae	Desmodesmus subspicatus	72 h	EC50	> 0.68 mg/L	-
	Microorganisms	Activated sludge, domestic	NOEC	14 d	>= 36.1 mg/L	-
Exo-1,7,7-trimethylbicyclo[2.2.1]hept-2-yl methacrylate (Isobornyl methacrylate)	Fish Danio rerio	freshwater	96 h	LC50	1.79 mg a.i./L	-

Kinetics Shield Rubber Base 15ml KGPRBN





Ethyl Trimethylbenzoyl Phenylphosphinate	Fish	Danio rerio	96 h	LC50	1.89 mg/L	-
	Daphnia	Daphnia magna	48 h	EC50	2.26 mg/L	-
	Algae	Desmodesmus subspicatus	72 h	EC50	1.01 mg/L	-
	Microorganisms	Activated sludge, domestic	180 min	EC50	> 1 000 mg/L	-
12.2. Persistence and degradability						
Biodegradable.						
12.3. Bioaccumulative potential						
Low.						
12.4. Mobility in soil						
Not available						
12.5. Results of PBT and vPvB assessment						
Regarding all available data on biotic and abiotic degradation, bioaccumulation and toxicity it can be stated that the substance does not fulfil the PBT criteria (not PBT) and not the vPvB criteria (not vPvB).						
12.6. Other adverse effects						
No known significant effects or critical hazards.						

SECTION 13: Disposal considerations

13.1. Waste treatment methods	
Product:	
Methods of disposal:	Waste must be disposed of in accordance with federal, state and local environmental control regulations. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.
Hazardous waste:	Within the present knowledge of the supplier, this product is <u>regarded as hazardous waste</u> , as defined by EU Directive 91/689/EEC.
European waste catalogue (EWC):	200127* paint, inks, adhesives and resins containing dangerous substances
Packaging:	
Methods of disposal:	The generation of waste should be avoided or minimized wherever possible. Packaging: IBC container, plastic drum. Waste packaging should be recycled.
Special precautions:	This material and its container must be disposed of in a safe way.

SECTION 14: Transport information

This **preparation is classified** as dangerous according to international transport regulations (ADR/RID, IMDG or ICAO/IATA).
International transport regulations:

	ADR/RID	ADN	IMDG	IATA
14.1. UN number	UN3082	UN3082	UN3082	UN3082
14.2. UN proper shipping name	Environmentally Hazardous Substance Liquid, N.O.S. (DI-HEMA TRIMETHYLHEXYL DICARBAMATE).			
14.3. Transport hazard class(es)	<p style="text-align: center;">9</p>  <p>This product is not regulated as a dangerous good when transported in sizes of ≤ 5 L or ≤ 5 kg, provided the packaging meet the general provisions of 4.1.1.1, 4.1.1.2 and 4.1.1.4 to 4.1.1.8.</p>	<p style="text-align: center;">9</p>  <p>This product is not regulated as a dangerous good when transported in sizes of ≤ 5 L or ≤ 5 kg, provided the packaging meet the general provisions of 4.1.1.1, 4.1.1.2 and 4.1.1.4 to 4.1.1.8.</p>	<p style="text-align: center;">9</p>  <p>This product is not regulated as a dangerous good when transported in sizes of ≤ 5 L or ≤ 5 kg, provided the packaging meet the general provisions of 4.1.1.1, 4.1.1.2 and 4.1.1.4 to 4.1.1.8.</p>	<p style="text-align: center;">9</p>  <p>This product is not regulated as a dangerous good when transported in sizes of ≤ 5 L or ≤ 5 kg, provided the packaging meet the general provisions of 5.0.2.4.1, 5.0.2.6.1.1 and 5.0.2.8.</p>

Kinetics Shield Rubber Base 15ml KGPRBN

14.4. Packing group	III	III	III	III
14.5. Environmental hazards	YES	YES	Marine pollutant	YES
14.6. Special precautions for user	Hazard identification number 90 Limited quantity 5 L Special provisions 274, 335, 601, 375 Tunnel code (-)	-	EmS code: F-A, S-F Special provisions 274, 335, 969	Quantity limitation Passenger and Cargo Aircraft: 450 L. Packaging instructions: 964. Cargo Aircraft Only: 450 L. Packaging instructions: 964. Limited Quantities - Passenger Aircraft: 30 kg. Packaging instructions: Y964. Special provisions A97, A158, A197
14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.			

SECTION 15: Regulatory information

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

EU Regulation (EC) No. 1907/2006 (REACH):

Annex XIV - List of substances subject to authorization:	Substances of very high concern: None of the components are listed.
Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles:	Not applicable.

15.2. Chemical safety assessment

Chemical Safety Assessment following regulation 1907/2006/EC:	A Chemical Safety Assessment has not been carried out.
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SECTION 16: Other information

Abbreviations and acronyms:

Full text of abbreviations	CLP: Classification, Labelling and Packaging Regulation [Regulation (EC) No.1272/2008] ADR: The European Agreement concerning the International Carriage of Dangerous Goods by Road RID: International Rule for Transport of Dangerous Substances by Railway IMDG: International Maritime Code for Dangerous Goods IATA: International Air Transport Association CAS: Chemical Abstracts Service EINECS: European Inventory of Existing Commercial chemical Substances LC50: Median lethal concentration LD50: Median lethal dose REACH: Registration, Evaluation and Authorisation of Chemicals PBT: Persistent, bio-accumulative and toxic vPvB: Very persistent, very bio-accumulative
Full text of classifications and H statements [CLP/GHS]:	Flam. Liq. 3 - Flammable liquids, Hazard Category 3; H226 Flammable liquid and vapour. Skin Corr. 1A, Skin corrosion/ irritation, Hazard Category 1A; H314 Causes severe skin burns and eye damage. Skin Corr. 1B, Skin corrosion/ irritation, Hazard Category 1B;

Kinetics Shield Rubber Base 15ml KGPRBN

	<p>H314 Causes severe skin burns and eye damage. Skin Irrit. 2, Skin corrosion/ irritation, Hazard Category 2; H315 Causes skin irritation. Skin Sens. 1B - Sensitisation — Skin, Hazard Category 1B; H317 May cause an allergic skin reaction. Skin Sens. 1 - Sensitisation — Skin, Hazard Category 1; H317 May cause an allergic skin reaction. Eye Irrit. 2 - Serious eye damage/eye irritation: Hazard Category 2; H319 Causes serious eye irritation. Aquatic Chronic 2 - Long-term (chronic) aquatic hazard, Category 2; H411 Toxic to aquatic life with long lasting effects. Aquatic Chronic 3, Long-term (chronic) aquatic hazard, Category 3; H412 Harmful to aquatic life with long lasting effects.</p>
Classification system	<p>Classification for health effects: conventional (calculation) method is used. Skin Sens. 1A, H317 Eye Irrit. 2, H319 Classification for physico-chemical effects: No applicable. Classification for environmental effects: conventional (calculation) method is used. Aquatic Chronic 2, H411</p>
Training advice:	
	In addition to health, safety and environmental training programs for their workers, companies must ensure that workers read, understand and apply the requirements of this SDS.
Used literature:	
	European Chemical Agency's homepage (http://echa.europa.eu/). Safety data sheets of individual components.
DISCLAIMER OF LIABILITY:	
	The information in this MSDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or method of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This MSDS/SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS/SDS information may not be applicable.

END OF SAFETY DATA SHEET