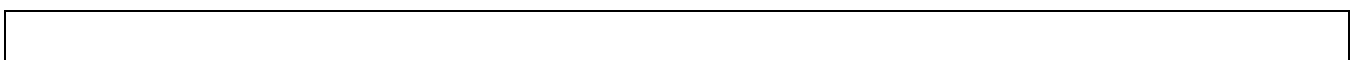


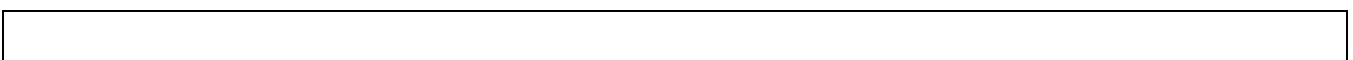
SAFETY INFORMATION SHEET
 According to Reg. 1272/2008/EC and Reg. 878/2020/EU

1	CHEMICAL PRODUCT AND COMPANY IDENTIFICATION	
1.1	Product name	INKS – SUPER-WASHABLE GROUP Colour and codes details are indicated in section n. 16.6
1.2	Relevant identified uses of the substance or mixture and uses advised against	INKS FOR WRITING MARKERS <hr/> USES ADVISED AGAINST: the product is not intended for use in the food industry and for cosmetic use (humans or animals). Do not use for other purposes
1.3	Company name	HAINENKO LIMITED
	Address	284 Chase Road, Southgate, London, N14 6HF
	Telephone number	+44 20 8882 8734
	Fax number	+44 20 8882 7749
	E-mail address of the competent person responsible for Safety Data Sheet	d.ashpole@hainenko.com
1.4	Emergency telephone number	LIST OF POISON CONTROL CENTERS IN ITALY ROMA CAVp "Osp. Pediatrico Bambino Gesù". Tel: 06 68593726 FOGGIA Az. Osp. Univ. Foggia. Tel: 0881 732326 MILANO Ospedale Niguarda Ca' Granda. Tel : 02 66101029 NAPOLI Ospedale Riuniti Cardarelli. Tel : 081 7472870 ROMA Policlinico Agostino Gemelli. Tel : 06 3054343 ROMA Policlinico Umberto I. Tel : 06 490663 PAVIA CAV Centro Nazionale di Informazione Tossicologica. Tel: 0382 24444 BERGAMO Azienda Ospedaliera Papa Giovanni XXII. Tel.: 800 883300 FIRENZE Az. Osp. "Careggi" U.O. Tossicologia Medica. Tel.: 055 7947819 VERONA Azienda Ospedaliera Integrata. Tel: 800011858



SAFETY INFORMATION SHEET
 According to Reg. 1272/2008/EC and Reg. 878/2020/EU

2	HAZARDS IDENTIFICATION	
	GHS Symbols and hazard labelling according to Reg. 1272/2008/EC	
	DEFINITION	MIXTURE
	HAZARD CLASSIFICATION	NOT HAZARDOUS
2.1	GHS PICTOGRAMS	No SIGNAL WORD
		No GHS PICTOGRAMS
	HAZARDS TO HUMAN	CLASSIFICATION CRITERIA ARE NOT MET
	CHEMICAL AND PHYSICALS HAZARDS	CLASSIFICATION CRITERIA ARE NOT MET
	HAZARDS TO ENVIRONMENT	CLASSIFICATION CRITERIA ARE NOT MET
	Label elements	
2.2	No SIGNAL WORD	
	No GHS PICTOGRAM	
	Hazard statements	
	None	
	Precautionary statements	
	None	
	Substances on label	---
	Special Provisions	None
	Special provisions according to Annex XVII of REACH and subsequent amendments	None
	Other hazards	
2.3	The mixture meets criteria for PBT according to Reg. (EC) 1907/2006, all. XIII	Not applicable
	The mixture meets the criteria for vPvB according to Reg.(EC) 1907/2006, all. XIII	Not applicable
	Acute and chronic effects on organs and systems: clinical symptoms on target organs and the endocrine system	Based on available data, the classification criteria are not met. For the exact identification of the organs subject to the action of the substances/mixtures that make up the product, the identification of the symptoms, and the correct knowledge of the severity of damage to health or the environment, it is necessary to refer to the information of each component. The information relating to the exact identification of the action of the components of the mixture is either not available or is not significantly relevant in relation to the hazard of the product
	Other hazards not mentioned in the classification	None



SAFETY INFORMATION SHEET

According to Reg. 1272/2008/EC and Reg. 878/2020/EU

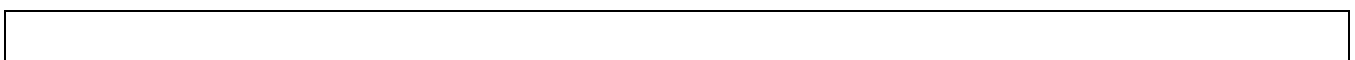
3	COMPOSIZIONE/INFORMAZIONE SUGLI INGREDIENTI				
3.1	Substances: not applicable				
3.2	Mixtures: WATER BASED INK. NOT HAZARDOUS BLEND OF DYESTUFFS AND PROCESS CHEMICALS				
	Chemical name of hazardous substances	CAS N.	EC N.	GHS Pictograms	Classification, Hazard statements H The full text of the Hazard statements is in section 16
	None	---	---	---	---

There are no additional ingredients to a significant extent with respect to the significance thresholds established by Reg. 1272/2008/EC or which, in the current knowledge of the supplier and in the applicable concentrations, are classified as dangerous for health or for the environment, meet the PBT or vPvB criteria or are considered as substances with an equivalent degree of concern or substances to which an occupational exposure limit has been assigned and which must therefore be reported in this section. No nanomaterials are used

The upper limits of the ranges of concentration are excluded



Occupational exposure limits, if available, are listed in Section 8

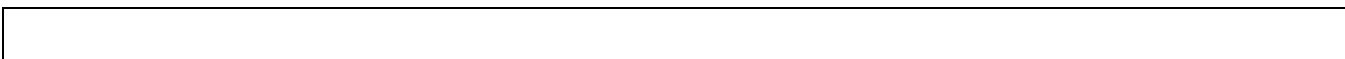
4	FIRST AID MEASURES	
	Description of first aid measures	
4.1	Eye contact	Irrigate with a suitable eye solution or water for ten minutes –obtain medical attention.
	Skin contact	Remove any contaminated clothing. Wash with soap & flowing water.
	Swallowing	Give plenty to drink if ingestion is suspected. DO NOT induce vomiting and consult a physician.
	Inhalation	Not applicable
	Protection of rescuers	No action shall be got involving any personal risk or without proper training
	Other informations	None
	Most important symptoms and effects, acute and delayed	
4.2	Inhalation	Symptoms: --- Effects: ---
	Skin contact	Symptoms: --- Effects: ---
	Eye contact	Symptoms: --- Effects: ---
	Ingestion	Symptoms: nausea, abdominal pain, haemorrhagic vomiting, diarrhea, choking, coughing, severe respiratory failure Effects: If ingested, it causes irritation to the mouth, throat, esophagus and stomach
	Medical attention and special treatment	
4.3	Treat symptomatically. If ingested or inhaled (large amounts), immediately contact a poison control center. No specific treatment is not known	



SAFETY INFORMATION SHEET



According to Reg. 1272/2008/EC and Reg. 878/2020/EU

5 FIRE FIGHTING MEASURES	
5.1	<p>Suitable extinguishing agents</p> <p>This product is water based and is not flammable. In the event of a fire the following extinguishing means can be used: carbon dioxide (CO₂), foam, chemical powders, in the case of fires of considerable size, also sprayed water jet</p>
5.2	<p>Unsuitable extinguishing agents for safety reasons</p> <p>Water is not effective to extinguish the fire, but can be used to cool containers exposed to flames to prevent fires and explosions</p>
5.3	<p>Special hazards caused by the substance and its combustion products or resulting gases</p> <p>In case of fire, if long time exposed to high temperature, it may decompose and develop hazardous substances such as carbon oxides, heavy smokes and traces of sulfur oxides, nitrogen oxides and other decomposition substances</p>
5.4	<p>Protective equipment</p> <p>Use protection for the respiratory tract. Cool fire exposed containers with water</p>
5.5	<p>Recommendations for Fire Extinguishers</p> <p>Cool containers with water jets to avoid product decomposition and the development of substances potentially hazardous to health. Always wear complete fire protection equipment. Collect extinguishing water that should not be discharged into drains. Dispose of contaminated water used for fire extinguishing and residues in accordance with current regulations. Use normal fire fighting clothing such as an open-air compressor (EN 137), full flame retardant (EN469), flame retardant gloves (EN 659) and boots for firefighters (HO A29 or A30).</p>
6 ACCIDENTAL RELEASE MEASURES	
Personal precautions, protective equipment and procedures in case of emergency	
6.1	<p>Person-related safety precautions</p> <p>Avoid contact with eyes and ingestion</p>
6.1	<p>Measures for environmental protection</p> <p>Prevent contamination of soil and water. Refer to Sections 8.0 and 13.0 for additional information on Exposure and Disposal. Do not allow product to reach sewage system or any water course</p> <div style="text-align: right;">   </div>
<p>Additional informations</p> <p>Collect residues in a container identified, refer to Section 13 for disposal</p>	
Methods and materials for containment and cleaning	
6.2	<p>Measures for cleaning/collecting (small spill)</p> <p>Collect mechanically. Treat washing waste water according to local environmental regulation.</p>
6.2	<p>Measures for cleaning/collecting (large spill)</p> <p>Collect mechanically. Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Treat washing waste water according to local environmental regulation Stop leak if without risk. Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas and dispose in accordance with local regulations.</p>
Reference to other sections	
6.3	<p>Emergency telephone numbers</p> <p>See section 1</p>
<p>Protection devices individual.</p> <p>See section 8</p>	
<p>Waste treatment</p> <p>See section 13</p>	



SAFETY INFORMATION SHEET

According to Reg. 1272/2008/EC and Reg. 878/2020/EU

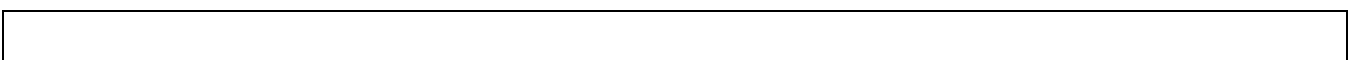
7 HANDLING AND STORAGE		
7.1	Handling, Directions for safe handling	<p>Verify the integrity of the markers and their boxes and containers before handling. Handle the containers with care. Avoid contact with eyes, avoid ingestion. Do not smoke in work and storage areas.</p> <div style="text-align: right;">   </div>
7.2	Storage	<p>Store the original containers, tightly closed in a dry place and away from heat sources. Keep container closed before and after use. Use storage areas with impermeable floor creating drip pans. Protect the container against impacts and falls. Keep away from food, drinks and animal feed.</p>
7.3	Specific end uses	<p>Ink of writing markers. Those ink group is not an alimentary additive</p>

8 EXPOSURE CONTROLS / PERSONAL PROTECTION						
8.1	Control parameters	<table border="1" style="width: 100%;"> <thead> <tr> <th style="width: 60%;">Component substance</th> <th style="width: 40%;">Value</th> </tr> </thead> <tbody> <tr> <td colspan="2" style="text-align: center;">No available data</td> </tr> </tbody> </table>	Component substance	Value	No available data	
Component substance	Value					
No available data						
Exposure control						
	Recommended monitoring procedures	Use and manage the marker ink in the proper use				
	Individual protection measures	<p>The ink is not classified hazardous. In the context of its use in articles such as ink for writing and according to the type of process and industrial processing (storage, loading cartridges and packaging of markers and pens), provide for a replacement of air and / or exhaust sufficient in 'work environment and deposit, in order to maintain the environmental concentrations below the applicable exposure limits. Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product.</p>				
	Environmental protection devices	Avoid polluting water				
	Respiratory protection	Not necessary in normal use				
8.2	Eyes protection	Not necessary in normal use. During the industrial production process of writing articles, in case of significant risk of splashing and exposure, use devices for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU)				
	Hands protection	<p>Not necessary in normal use. During the industrial production process of writing articles, in case of significant risk of splashing and exposure, use chemical resistant gloves (EN374); materials suitable for direct and prolonged contact - recommendation: protection factor 6, corresponding to a residence time > 480 min (EN374). Eg PVC - 0.7 mm in thickness due to the wide variety of types. It is advisable to follow the instructions of use of the manufacturers</p>				
	Thermal hazards	<p>Not applicable in relation to the intended use. Wear heat-resistant gloves in case of thermal hazards</p>				
	Skin protection	<p>Not necessary in normal use. In the context of the industrial process of production of articles for writing Complete suit protecting against chemicals, The type of protective equipment must be selected according to the concentration and amount of product handled</p>				
	Other informations	<p>Keep away from foodstuffs. Wash hands thoroughly after handling the product. Keep working clothes separately. Immediately remove contaminated clothing. Follow the local Safety Management standards and instructions.</p>				

SAFETY INFORMATION SHEET

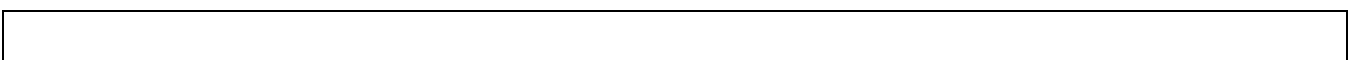
According to Reg. 1272/2008/EC and Reg. 878/2020/EU

9 PHYSICAL AND CHEMICAL PROPERTIES		
	Information on basic physical and chemical properties	
	Appearance	Liquid
	Colour	Different colours and shades
	PH	6,5 ± 1
	Odour	Odourless
	Odour threshold	No available data
	Viscosity	No available data
	Density	1,04 ± 0,01 g/cm ³
	Density of vapours (air = 1)	Not applicable
9.1	Flash point	Not applicable
	Melting temperature	≤ 0°C
	Boiling temperature	≥ 100°C
	Self-ignition temperature	Not applicable
	Explosive range	Not applicable
	Comburent properties	Not applicable
	Vapour pressure at 20°C	23,4 HPa (water)
	Water solubility	Soluble
	Partition coefficient n-octanol/water (log Pow)	Propylene glicol = -1,07
9.2	Other informations	
	VOC (Directive 2010/75/CE)	< 0,1%
10 STABILITY AND REACTIVITY		
10.1	Reactivity	Stable in normal conditions. No further relevant information available
10.2	Chemical stability	Stable under normal conditions of handling and storage
10.3	Possibility of dangerous reactions	No dangerous reactions are known
10.4	Conditions to avoid	Avoid strong overheating.
10.5	Incompatible materials	Strong acids, strong oxidisers
10.6	Hazardous decomposition products	No further relevant information available



SAFETY INFORMATION SHEET
 According to Reg. 1272/2008/EC and Reg. 878/2020/EU

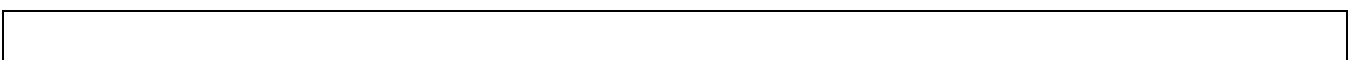
11 TOXICOLOGICAL INFORMATIONS	
Toxicological effects	
11.1 Acute toxicity	ACUTE TOXICITY ESTIMATE (ATE)
	CALCULATED ACCORDING TO THE NOT HAZARDOUS CHEMICAL COMPOSITION
	LD50 – Ingestion > 10000 mg/kg - not classified
	LD50 – Skin contact > 10000 mg/kg - not classified
	LC50 – Inhalation > 5000 mg/m ³ (mist) - not classified
Chronic toxicity	Classification criteria are not met
Effect on eye	Classification criteria are not met
Effect on skin	Classification criteria are not met
Inhalation	Classification criteria are not met
Sensitisation	Classification criteria are not met
Ingestion	Classification criteria are not met
Toxic effect by skin contact	Classification criteria are not met
Specific Target Organ Toxicity (STOT) — single or repeated exposure	Classification criteria are not met
Hazards by aspiration	Classification criteria are not met.
CMR properties	
11.2 Carcinogenicity	Classification criteria are not met
Mutagenicity	Classification criteria are not met
Toxicity for reproduction	Classification criteria are not met
11.3 Other information: metabolism, kinetics, mechanism of action, effects on the endocrine system for short and long term effects	
No available data	
12 ECOLOGICAL INFORMATIONS	
12.1 Acute toxicity	The components of the product are not classified as hazardous to the environment. Long-term effects: no available data
12.2 Persistence and degradability	All organic components present in the mixture are biodegradable.
12.3 Bioaccumulative potential	No bioaccumulation components are used
12.4 Mobility in soil	Because of the physical properties and chemical composition, a high soil mobility is expected
12.5 Results of PBT and vPvB assessment	For evaluations of the PBT and vPvB assessment of the substances/mixtures contained in the product, see the information on the individual components. This mixture contains no substances evaluated persistent, bioaccumulative and toxic (PBT) or very persistent and very bioaccumulative (vPvB).
12.6 Properties of interference with the endocrine system	Classification criteria are not met. No effects are known
12.7 Other adverse effects	No other informations



SAFETY INFORMATION SHEET

According to Reg. 1272/2008/EC and Reg. 878/2020/EU

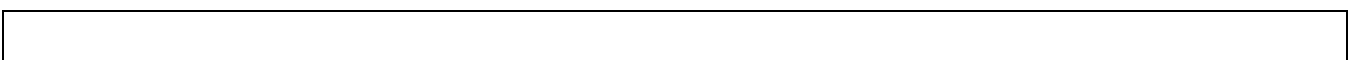
13 DISPOSAL CONSIDERATIONS		
The information in this section contains instructions and general notes. The list of identified uses in section 1 for specific information available		
13.1	<p>Waste treatment methods</p> <p>Product The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the law on environmental protection and waste disposal legislation and the requirements of any relevant local authorities. Dispose of surplus and non-recyclable products via a licensed waste disposal. The untreated waste should not be disposed of in the sewer system unless they are not fully compliant with the requirements of each institution and legislation. Hazardous waste: no</p> <p>Packaging The generation of waste should be avoided or minimized wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. Dispose of this material and its container must be with proper precautions. Empty containers or liners may retain some product residues. Prevent drift and runoff of spilled material and contact with soil, waterways, drains and sewers</p>	
13.2	<p>European waste catalogue (EWC)</p> <p>For disposal within the EU is roughly from the code used by the sudden refusal to register the European Waste Catalogue (EWC)</p>	
14 TRANSPORT INFORMATION		
14.1	UN number	Not applicable
14.2	Proper shipping name	Land transport, road and rail (ADR/RID): not applicable Transport by sea (IMDG): not applicable Air transport (ICAO-TI / IATA-DGR): not applicable
14.3	Transport hazard classes	Land transport (ADR/RID): Not regulated Transport by sea (IMDG): Not regulated Air transport (ICAO-TI / IATA-DGR): Not regulated
14.4	Packing group	Not applicable
15.5	Environmental hazards	Land transport (ADR/RID): No Transport by sea (IMDG): No Air transport (ICAO-TI / IATA-DGR): No
14.6	Special precautions for users	Transport within the user's properties: always transport with closed containers, stored vertically and secured to the means of transport. Check the suitability of the people carrying out the transport to intervene effectively in the event of an accident and/or spill
14.7	Transport in bulk according to Annex II of MARPOL 73/8 and the IBC Code	Not applicable



SAFETY INFORMATION SHEET

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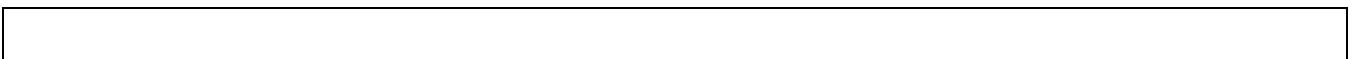
15 REGULATORY INFORMATION	
15.1	<p>Main regulatory references</p> <p>Reg. 1272/2008/EC of the European Parliament and of the Council (classification, labeling and packaging of substances and mixtures amending and repealing Directives 67/548/EEC and 1999/45/EC and amending Directive 1907/2006/EC. Restrictions according to Annex 17 of Reach Reg. and subsequent amendments: restriction n. 3 is applicable due to the presence of geraniol Substances included in the candidate list (SVHC) at the date of issue of this card: none Substances subject to authorization (Annex 14 to Reg. Reach): none Germany, Administrative Regulation of Substances Hazardous to Water (VwVwS). Water hazard class: WGK 1 (low hazardous to water) Dir. Seveso III (relevant industrial risks): not applicable ROHS III Directive: not applicable Reg. 648/2004/EC concerning detergents: not applicable Reg. 1005/2009/EC on substances that deplete the ozone layer: not applicable Reg. 850/2004/EC relating to persistent organic pollutants: not applicable Reg. 1148/2019/EU relating to explosives precursors: not applicable Dir. 2009/48/EC concerning the safety of toys: applicable</p>
15.2	<p>Chemical safety assessment</p> <p>Not applicable. Consider the circumstances of use of the substance in this mixture</p>



SAFETY INFORMATION SHEET

According to Reg. 1272/2008/EC and Reg. 878/2020/EU

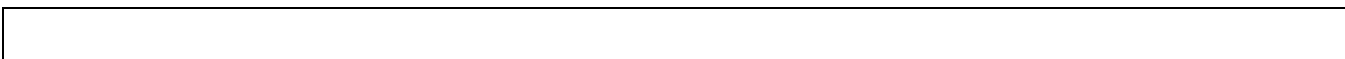
16 OTHER INFORMATIONS		
	Full text of H statements, sections 2 and 3	None
16.1	Abbreviations and acronyms	<p>ACGIH: American Conference of Governmental Industrial Hygienist. ADN: European Agreement concerning the international carriage of dangerous goods by inland waterways. ADR: European Agreement concerning the international carriage of dangerous goods by road. BEL: Biological exposure limit: it indicates the relative biological agent or its metabolite established by ACGIH. EC50: Median effective concentration: the effective concentration of substance that causes in the 50% of individuals a different effect from death (immobilization, stunting etc.). LC0: The highest dose used that does not cause any death. DFG: German Commission for the study of the health hazards of chemicals in the workplace. LD50: Median dose: single dose of substance, statistically evaluated, which is expected to cause death in 50% of treated animals. PPE: Personal protective equipment IARC: International Agency for Research on Cancer. IBC: International Bulk Chemical Code: International Code for Construction and Equipment of Ships Carrying Dangerous Chemicals in Bulk. ICAO: International Civil Aviation Organisation; it refers to Annex 18 of the Convention on International Civil Aviation "Safety of air transport of dangerous goods". IMDG: Intern. Maritime Dangerous Goods code for transport of dangerous goods by sea. IMO: International Maritime Organization. Kow: Partition coefficient between n-octanol and water. It is defined as the ratio between the equilibrium concentrations of a dissolved substance in a system consisting of n-octanol and water. It is a measure of the lipophilicity of the substance. LOAEL: Lowest Observed Adverse Effect Level MAK: Maximum concentration of a chemical substance (as gas, vapor or particulate matter) in the workplace air which generally does not cause adverse effects on workers' health nor cause annoyance even when the person is repeatedly exposed during long periods (typically 8 hours per day, assuming an average of 40 hours of work per week). MARPOL: Protocol on Transport in bulk according to IMO. NOEC: No Observed Effect Concentration NOEL: No Observed Effect Level RID: European Agreement concerning the international carriage of dangerous goods by rail STEL: Threshold Limit Value - Short Term Exposure Limit: the concentration to which it is considered that workers can be exposed continuously for 15 minutes to up to 4 times per day with an interval of 60 minutes between exposures without suffering adverse effects. TLV: Threshold Limit Value established by ACGIH. TWA: Threshold Limit Value - Time-Weighted Average: the concentration for a conventional 8-hour workday and a 40-hour workweek, to which it is considered that nearly all workers may be repeatedly exposed, day after day, for a working lifetime without adverse effects. DNEL: Derived No-Effect Level PNCE: Predicted no-effect concentration</p>
16.2	Bibliographic references	<p>ECDIN - Environmental Chemical Data and Information Network IUCLID - International Uniform Chemical Information Data Base ECHA C&L inventory NIOSH - Registry of Toxic Effects of Chemical Substances IFA_GESTIS - http://limitvalue.ifa.dguv.de/ HSDB TOXNET - https://toxnet.nlm.nih.gov/</p>
16.3	Changes to previous version	All sections were updated, according to Reg. 878/2020/EC
16.4	Further informations	The information herein is correct at the Reg 1272/2008/EC and following amendments. Product conforms to the requirements provided in Title II of Regulation 1907/2006/EC (the registration of substances). None of the substances in this product is subject to authorization (annex 14) or is included in the candidate list of SVHCs under the REACH Regulation, the issuance of this sheet



SAFETY INFORMATION SHEET

According to Reg. 1272/2008/EC and Reg. 878/2020/EU

16.5	Disclaimer	<p>This Safety Information Sheet complies with the requirements of Reg 878/2020/EU. It does not excuse in any way the user from knowing and applying all texts governing his activity. The user will take under its responsibility the precautions related to the use of the product. The set of regulations mentioned is intended simply to help the recipient to fulfill her obligations. This list should not be considered as a technical note details. The information is based on our knowledge of the product, the date indicated. They are given in good faith. The attention of the user is directed to possible risks incurred when a product is used for other purposes than for which it was conceived. The recipient must ensure that no other obligations to compete on the basis of texts in addition to those mentioned</p>			
16.6	Colours and article codes details	BLACK 01 BLUE 02 RED 03 GREEN 04 YELLOW 05 DEEP BROWN 06 ORANGE 07 ANTIQUE PINK 08 TOBACCO 09 VIOLET 10 LIGHT GREEN 11 PINK FLESH 12 LIGHT GREY 13 SIENNA 14 YELLOW OCHER 15 PRUSSIAN BLUE 16 VERMILION 17 DEEP GREY 18 INDIGO 19 GREEN OIL 20 AMARANTH 21 LIGHT BROWN 22 LIGHT YELLOW 23 DEEP YELLOW 24 BRILLIANT PINK 25 ENGLISH RED 26 TURQUOISE 27	HEAVENLY 28 VERONESE GREEN 29 YELLOWISH GREEN 30 LIGHT BLUE 31 LILAC 32 OLIVE GREEN 33 GREEN LEAF 34 MAGENTA 35 POWDER 36 PINK 37 PINK 38 VIOLET 39 VIOLET 40 VIOLET 41 VIOLET 42 VIOLET 43 PINK 44 PINK 45 PINK 46 PINK 47 GREY 48 GREY 49 SILVER 50 GREY 51 BLUE 52 BLUE 53 BLUE 54		



SAFETY INFORMATION SHEET

According to Reg. 1272/2008/EC and Reg. 878/2020/EU

Colours and article codes details	HEAVENLY	60	PINK	82
	LIGHT BLUE	61	ORANGE	83
	HEAVENLY	62	ORANGE	84
	GREEN	63	YELLOW	85
	GREEN	64	PINK	86
	GREEN	65	BROWN	87
	GREEN	66	BROWN	88
	GREEN	67	BROWN	89
	GREEN	68	BROWN	90
	GREEN	69	VIOLET	91
	GREEN	70	VIOLET	92
	GREEN	71	VIOLET	93
	GREEN	72	BRONZE	94
	GREEN	73	PINK	95
	ORANGE	74	RED/PINK	96
	ORANGE	75	BLUE NIGHT	97
	PINK	76		
	ORANGE	77		
	ORANGE	78		
	RED	79		
	RED	80		
	RED/PINK	81		

