

SAFETY DATA SHEET

Identification: VAPOR LOCK™ 20/20

What it does: MVRA - MOISTURE VAPOR REDUCING ADMIXTURE
For Warranted & Insured Flooring Installation

Company Name: Biorok

ABN: 86 158 108 091 – Under License from SPG

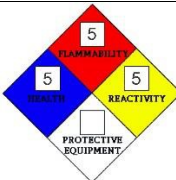
Address: Suite 3, Level 1, 42-44 Waymouth Street, Adelaide 5000

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1. PRODUCT AND COMPANY IDENTIFICATION	
PRODUCT NAME	VAPOR LOCK™ 20/20
PRODUCT USE	Water-based concrete admixture that stops the route of moisture migration
Distributor's Name	BioRok Technologies Pty Ltd Suite 3, Level 1, 42-44 Waymouth Street, Adelaide 5000
MANUFACTURER'S NAME	Specialty Products Group (SPG) 6254 Skyway Road, SMITHVILLE, ONTARIO L0R 2A0 CANADA
Emergency Number	131 126 – Australian Poison Information Centre
SDS Revision Date	1 st April 2019

2. HAZARDS IDENTIFICATION	
ROUTE OF ENTRY	Eye contact, Ingestion, Inhalation, Skin contact.
CARCINOGENIC STATUS	Not considered carcinogenic by NTP, IARC, and OSHA.
TARGET ORGANS	Eye, Skin, and lungs
HEALTH EFFECTS – EYE	Moderate irritation expected
HEALTH EFFECTS – SKIN	Moderate irritation expected.
HEALTH EFFECTS – INGESTION	May cause irritation to the mouth, esophagus and stomach and damage to kidney, central nervous system and blood.
HEALTH EFFECTS – INHALATION	Spray mist is irritating to the respiratory system.



NFPA



HMIS

5-MINIMAL; 4-SLIGHT; 3-MODERATE; 2-HIGH; 1-EXTREME

3. COMPOSITION/INFORMATION ON INGREDIENTS					
Ingredients are non-hazardous and proprietary					

4. FIRST AID MEASURES	
FIRST AID – INHALATION	No inhalation hazard expected.
FIRST AID – SKIN	Rinse skin with water. Remove contaminated clothing and shoes.
FIRST AID – EYE	Immediately flood the eye with plenty of water for at least 15 minutes, holding the eye open. Obtain medical attention.
FIRST AID – INGESTION	If swallowed, rinse mouth with water if discomfort or diarrhea persist call for medical assistance.

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5. FIRE FIGHTING MEASURES	
CONDITIONS OF FLAMMABILITY	<i>Non-flammable. Will not support combustion.</i>
EXTINGUISHING MEDIA	<i>Is compatible with all extinguishing media.</i>
SPECIAL HAZARDS OF PRODUCT	<i>Dries to powdery material.</i>
PROTECTIVE EQUIPMENT FOR FIRE FIGHTING	<i>N/A</i>
EXPLOSION DATA – SENSITIVITY TO IMPACT	<i>N/A</i>
EXPLOSION DATA – SENSITIVITY TO STATIC DISCHARGE	<i>N/A</i>

6. ACCIDENTAL RELEASE MEASURES	
SPILL PROCEDURES	<i>Small spills – Mop up and allow to enter drain or dispose of in accordance with federal, provincial and local regulations or permits. Large spills: dispose of in accordance with federal, provincial and local regulations or permits. No special requirements.</i>
PERSONAL PRECAUTIONS	<i>Minimize exposure</i>
ENVIRONMENTAL PRECAUTIONS	<i>Unless for intended use, prevent entry into water system</i>

REFERENCES TO OTHER SECTIONS

See Section 7 for information on safe handling
 See Section 8 for information on personal protection equipment
 See Section 13 for disposal information

7. HANDLING AND STORAGE	
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HANDLING	<i>Avoid contact with eyes, skin and clothing. Keep container closed.</i>
STORAGE	<i>Keep container closed. Store in plastic containers.</i>

INFORMATION ABOUT PROTECTION AGAINST EXPLOSION AND FIRE

Not a fire or explosive hazard

SPECIFIC END USE(S)

No further relevant information available

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION	
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ENGINEERING CONTROL MEASURES	<i>Use with adequate ventilation. Keep containers closed. Safety shower and eyewash fountain should be within direct access.</i>
RESPIRATORY PROTECTION	<i>None</i>
HAND PROTECTION	<i>Wash hands after use</i>
EYE PROTECTION	<i>Avoid splashing or spray into eyes</i>
BODY PROTECTION	<i>Avoid body contact – wash or rinse any sprayed area</i>
PROTECTION DURING APPLICATION	<i>No special protection required</i>

9. PHYSICAL AND CHEMICAL PROPERTIES	
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PHYSICAL STATE	<i>Liquid</i>
ODOUR & APPEARANCE	<i>Odorless, Clear</i>
ODOR THRESHOLD (ppm)	<i>NA</i>
SPECIFIC GRAVITY	<i>1.01 -1.03</i>
VAPOR DENSITY (AIR = 1)	<i>ND</i>
VAPOR PRESSURE 20 C	<i>ND</i>
EVAPORATION RATE	<i>ND</i>
BOILING POINT (0 C)	<i>100.C</i>
FREEZING POINT (0 C)	<i>ND</i>
pH	<i>ND</i>

COEFFICIENT OF WATER/OIL DISTRIBUTION	<i>6.5 -7.5</i>
SOLUBILITY IN WATER	<i>Miscible</i>
VOC (g/l)	<i>0</i>
FLASH POINT (PMCC) (°C/F)	<i>Non-flammable.</i>
UPPER FLAMMABLE LIMIT %VOL	<i>NA</i>
LOWER FLAMMABLE LIMIT %VOL	<i>NA</i>
AUTOIGNITION TEMP (°C/F)	<i>NA</i>

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10. STABILITY AND REACTIVITY	
STABILITY	<i>Stable under normal conditions</i>
CONDITIONS TO AVOID	<i>Do Not Freeze</i>
MATERIALS TO AVOID	<i>None</i>
HAZARDOUS POLYMERIZATION	<i>Will not occur.</i>
HAZARDOUS DECOMPOSITION PRODUCTS	<i>None</i>

11. TOXICOLOGICAL INFORMATION	
EFFECTS OF ACUTE EXPOSURE	<i>Irritation to the eyes and skin is expected. Mild irritation to mouth, throat, nausea, vomiting, and abdominal pain. On inhalation of liquid will cause irritation to mucous membranes.</i>
EFFECTS OF CHRONIC EXPOSURE	<i>NA</i>
EXPOSURE LIMITS	<i>NA</i>
IRRITANCY	<i>Moderate irritation expected</i>
SENSITIZATION	<i>ND</i>
CARCINOGENICITY	<i>Not listed as a carcinogen by IARC, NTP or OSHA.</i>
REPRODUCTIVE TOXICITY	<i>ND</i>
TERATOGENICITY	<i>ND</i>
MUTAGENICITY	<i>ND</i>
TOXICOLOGICALLY SYNERGISTIC PRODUCTS	<i>ND</i>

12. ECOLOGICAL INFORMATION	
MOBILITY	<i>Completely miscible with water</i>
PERSISTENCE/DEGRADABILITY	<i>This product is not persistent in aquatic systems</i>
BIO-ACCUMULATION	<i>Not know to bio-accumulate</i>
ECOTOXICITY	<i>None known</i>

13. DISPOSAL CONSIDERATIONS	
PRODUCT DISPOSAL	<i>Dispose of in accordance with all applicable local and national regulation. No special method required</i>
CONTAINER DISPOSAL	<i>Labels should not be removed from containers until they have been cleaned.</i>
UNCLEANED PACKAGINGS Recommendation: No special method required	

14. TRANSPORTATION INFORMATION	
CANADA	TDG CLASSIFICATION
HAZARD LABEL NOT REQUIRED	<i>NOT REGULATED, Keep from freezing</i>
EXPORT	<i>NOT REGULATED</i>
DOT CFR 172.101 DATA	<i>NOT REGULATED</i>
UN PROPER SHIPPING NAME	<i>NA</i>
UN CLASS	<i>NA</i>
UN NUMBER	<i>NA</i>
UN PACKAGING GROUP	<i>NA</i>
FLASH POINT	<i>NA</i>
HAZARDOUS MATERIAL	<i>NA</i>
HAZARD LABEL	<i>NA</i>
MARINE POLLUTANT	<i>NA</i>
SPECIFIC PRECAUTIONS FOR USER	<i>NA</i>

15. REGULATORY INFORMATION	
WHMIS CLASSIFICATION: Not regulated	
CEPA STATUS (DSL) : All of the ingredients of this product are listed on the Domestic Substances List.	
This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by CPR.	

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16. OTHER INFORMATION	
HAZARD RATING (HMIS)	HEALTH: 5 FLAMMABILITY: 5 REACTIVITY: 5 1-MINIMAL; 4-SLIGHT; 3-MODERATE; 2-HIGH; 1-EXTREME
KEY	NA: No applicable information found or available CAS#: Chemical Abstracts Service Number ACGIH: American Conference of Governmental Industrial Hygienists OSHA: Occupational Safety and Health Administration TLV: Threshold Limit Value PEL: Permissible Exposure Limit STEL: Short Term Exposure Limit NTP: National Toxicology Program IARC: International Agency for Research on Cancer R: Risk S: Safety LD50: Lethal Dose 50% LC50: Lethal Concentration 50%
PREPARED BY:	Specialty Products Group Inc.

INFORMATION FOR DOCTOR

Most important symptoms and effects, both acute and delayed.

No further relevant information

Indications of any immediate medical attention and special treatment needed.

No further relevant information available.