### Printing date 03/05/2019

Phinting date 03/05/2019			Reviewed 011 03/05/2019
1 Identification			
<ul> <li><u>Product identifier</u></li> <li><u>Trade name:</u></li> </ul>	Stone Shield VIN	YL ESTER Adhesive	
Article number:     Application of the substance / the	Stone Shield Viny	I Ester Adhesive	
mixture	Reaction resin		
<ul> <li>Details of the supplier of the saf</li> <li>Manufacturer/Supplier:</li> </ul>	ety data sheet InnoChem LLC 4030 Pleasantdal Suite F Doraville, GA 303		Phone: 770-409-8789 Fax: 770-409-9096 e-mail info@innochemllc.com
<ul> <li>Information department:</li> <li>Emergency telephone number:</li> </ul>	Laboratory Refer to Manufact	urer / Supplier	
2 Hazard(s) identification			
· Classification of the substance of	or mixture		
GHS02 Flame			
Flam. Liq. 3 H226 Flammable liqui	d and vapor.		
GHS08 Health hazard			
Carc. 2 H351 Suspected of ca Repr. 2 H361 Suspected of da	-	he unborn child.	
STOT RE 2 H373 May cause dam			or repeated exposure.
GHS07			
STOT SE 3 H335 May cause resp	iratory irritation.		
· Label elements			
- GHS label elements	The product is cla System (GHS).	assified and labeled acco	rding to the Globally Harmonized
· <u>Hazard pictograms</u>			
	GHS02 GHS07	7 GHS08	
· Signal word	Warning	G11300	
· Hazard-determining components	Warning		
of labeling:	styrene	line internet comments	
Hazard statements		of causing cancer.	
		of damaging fertility or the respiratory irritation.	unborn child.
			ans through prolonged or repeated
<u>Precautionary statements</u>	P210	smoking.	arks/open flames/hot surfaces No
	P260 P280	Do not breathe vapours.	rotective clothing/eye protection/face
		protection.	(Contd. on page 2)
			(Solid: Of page 2) US

Printing date 03/05/2019

# Safety Data Sheet acc. to OSHA HCS

Reviewed on 03/05/2019

ming date 03/05/2019	Reviewed off 03/05/2018
rade name: Stone Shield Vinyl	Ester Adhesive
	(Contd. of page 1 P303+P361+P353 If on skin (or hair): Take off immediately all contaminated 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 rinsing.
	P314Get medical advice/attention if you feel unwell.P403+P233Store in a well-ventilated place. Keep container tightly closed.P403+P235Store in a well-ventilated place. Keep cool.P405Store locked up.P501Dispose of contents/container in accordance with local/ regional/national/international regulations.
<ul> <li>Classification system:</li> <li>NFPA ratings (scale 0 - 4)</li> </ul>	Health = 0 Fire = 3 Reactivity = 0
· <u>HMIS-ratings (scale 0 - 4)</u>	HEALTH OF Health = 0 FIRE 3 Fire = 3 REACTIVITY O Reactivity = 0
· Other hazards	During processing and product hardening the network generator is released as fume. Consequently, take care for adequate air conditioning and for fume exhaustion on request.
<ul> <li>Results of PBT and vPvB ass</li> </ul>	
• <u>PBT:</u> • <u>vPvB:</u>	Not applicable. Not applicable.
Description:     Dangerous components:     CAS: 100-42-5     EINECS: 202-851-5	Mixture of the substances listed below with nonhazardous additions.         styrene       25-50%         Image: Style
Index number: 601-026-00-0	Carc. 2, H351; Repr. 2, H361; STOT RE 2, H373; Asp. Tox. 1, H304 Acute Tox. 4, H332; STOT SE 3, H335
· Additional information:	For the wording of the listed hazard phrases refer to section 16.
4 First-aid measures	
<ul> <li>Description of first aid mean</li> <li>General information:</li> </ul>	sures 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 medical observation for at least 48 hours after the accident.
<ul> <li><u>After inhalation:</u></li> </ul>	Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist. In case of unconsciousness place patient stably in side position for 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 persist consult a doctor.
<u>After swallowing:</u> <u>Information for doctor:</u>	If symptoms persist consult doctor. With reference to section 2 the formulation contains styrene in the indicated mass concentration range. Styrene fumes will preferably be incorporated by inhalation via respiratory tract, skin resorption is currently considered as ar inferior way of incorporation. In case of inhalation styrene is absorbed in a 60- (Contd. on page 3

Printing date 03/05/2019

Reviewed on 03/05/2019

Trade name: Stone Shield Vinyl Ester Adhesive

Trade fidine: Otorie Official Villy Ester	Acheolye
<u>Inde name.</u> etone eniole vinyi Ester	(Contd. of page 2) 90% range. Distribution in organism occurs rapidly, the maximum blood concentration can be analyzed after one hour after incorporation. Styrene exposition affects skin, mucous membranes, and central nervous system (CNS). Acute damages / risks to health: In case of styrene poisoning mainly damages to and interactions with central nervous system (CNS) arise. In concentration ranges above 200 ml/m3 symptoms such as fatigue, nausea, imbalance and prolonged response times are observed. Chronical health risks: Effects at central and peripheral nervous system and respiratory tract are 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
<ul> <li>Most important symptoms and effects, both acute and delayed</li> </ul>	Breathing difficulty Headache Dizziness Coughing
	Nausea
Denser	
· <u>Danger</u>	Danger of impaired breathing.
<ul> <li>Indication of any immediate</li> </ul>	
medical attention and special	
treatment needed	If swallowed, gastric irrigation with added, activated carbon.
5 Fire-fighting measures <ul> <li>Extinguishing media</li> <li>Suitable extinguishing agents:</li> </ul>	CO2, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
<ul> <li>For safety reasons unsuitable</li> </ul>	
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.
<u>substance of mixture</u>	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	,
Protective equipment:	Wear self-contained respiratory protective device. Do not inhale explosion gases or combustion gases.
	Wear fully protective suit.
	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	
Demonstration of the state	
<ul> <li>Personal precautions, protective</li> </ul>	
equipment and emergency	
procedures	Ensure adequate ventilation
<u></u>	Keep away from ignition sources
	Use respiratory protective device against the effects of fumes/dust/aerosol.
	Wear protective equipment. Keep unprotected persons away.
	(Contd. on page 4)

Printing date 03/05/2019

### Safety Data Sheet

acc. to OSHA HCS

Reviewed on 03/05/2019

Trade name: Stone Shield Vinyl Ester Adhesive (Contd. of page 3) · 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. See Section 8 for information on personal protection equipment. See Section 13 for disposal information. Protective Action Criteria for Chemicals · PAC-1: 100-42-5 styrene 20 ppm 67762-90-7 Siloxane und Silicone, di-Me, Reaktionsprodukt mit Silica 120 mg/m<sup>3</sup> · PAC-2: 100-42-5 styrene 130 ppm 67762-90-7 Siloxane und Silicone, di-Me, Reaktionsprodukt mit Silica 1,300 mg/m<sup>3</sup> • PAC-3: 100-42-5 styrene 1100\* ppm 67762-90-7 Siloxane und Silicone, di-Me, Reaktionsprodukt mit Silica 7,900 mg/m<sup>3</sup> 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. 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, including any incompatibilities · Storage: Requirements to be met by storerooms and receptacles: Store only in the original receptacle. Prevent any seepage into the ground. Information about storage in one common storage facility: Store away from oxidizing agents. Store away from foodstuffs. Further information about storage conditions: Store receptacle in a well ventilated area. Keep receptacle tightly sealed. Storage class: 3 Specific end use(s) No further relevant information available. 8 Exposure controls/personal protection Additional information about design of technical systems: No further data; see item 7.

Printing date 03/05/2019

Reviewed on 03/05/2019

de name: Stone Shield	•
• • • •	(Contd. of page
Control parameters	alues that require monitoring at the workplace:
100-42-5 styrene	alues that require monitoring at the workplace:
PEL Long-term value: 1	00 ppm
Ceiling limit value:	
*5-min peak in any	
REL Short-term value: 4	
Long-term value: 2	
TLV Short-term value: (	
BEI, NIC-A3, NIC-	35) NIC-8.5 mg/m³, (20) NIC-2 ppm DTO
Ingredients with biologic	
100-42-5 styrene	al minit values.
BEI 400 mg/g creatinine Medium: urine	
Time: end of shift	
Parameter: Mandel	c acid plus phenylglyoxylic acid (nonspecific)
0.2 mg/L	
Medium: venous blo	ood
Time: end of shift	
Parameter: Styrene	(semi-quantitative)
Additional information:	The lists that were valid during the creation were used as basis.
Exposure controls	
Personal protective equi	
General protective and h	
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.
Breathing equipment:	Short term filter device:
	Filter A/P2
	In case of brief exposure or low pollution use respiratory filter device. In case
	intensive or longer exposure use respiratory protective device that
Protection of hands:	independent of circulating air. After use of gloves apply skin-cleaning agents and skin cosmetics.
rioleollon of hands.	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
	GmbH in compliance with EN374.
	This recommendation refers exclusively to the material safety data she
	referenced product delivered by Akemi and the indicated field of application.
	case of product dilution or in case of mixture with different substances
	chemicals, and in condition of EN374 deviation the producer of CE-approv protection gloves must be contacted for detailed information (e.g., KCL Gmb
	Germany, 36124 Eichenzell, internet: http://www.kcl.de).
	(Contd. on page

(Contd. on page 6)

### Safety Data Sheet

acc. to OSHA HCS

Printing date 03/05/2019

Auto igniting:

Reviewed on 03/05/2019

Trade name: Stone Shield Vinyl Ester Adhesive (Contd. of page 5) 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 Material of gloves 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. • <u>Penetration time of glove material</u> 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) Vitoject (KCL, Art\_No. 890) · 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, Art\_No. 730, 731, 732, 733) Butyl rubber, BR Butoject (KCL, Art\_No. 897, 898) · Not suitable are gloves made of the following materials: Natural rubber, NR Leather gloves Strong gloves • Eye protection: Tightly sealed goggles Body protection: Protective work clothing 9 Physical and chemical properties · Information on basic physical and chemical properties General Information · Appearance: Fluid Form: Amber colored Color: · Odor: Characteristic Change in condition Melting point/Melting range: Undetermined. Boiling point/Boiling range: 145 °C (293 °F) · Flash point: 31 °C (87.8 °F) Ignition temperature: 480 °C (896 °F)

Product is not selfigniting.

(Contd. on page 7) US

### Safety Data Sheet

acc. to OSHA HCS

Printing date 03/05/2019

Reviewed on 03/05/2019

Trade name: Stone Shield Vinyl Ester Adhesive

	(Contd. of page 6)
· <u>Danger of explosion:</u>	Product is not explosive. However, formation of explosive air/vapor mixtures are possible.
<ul> <li>Explosion limits: Lower: Upper:</li> </ul>	1.2 Vol % 8.9 Vol %
· <u>Vapor pressure at 20 °C (68 °F):</u>	6 hPa (4.5 mm Hg)
<ul> <li>Density at 20 °C (68 °F):</li> </ul>	1.1 g/cm <sup>3</sup> (9.18 lbs/gal)
Specific gravity at 20 °C (68 °F):	1.1 g/cm <sup>3</sup> (9.18 lbs/gal)
<u>Solubility in / Miscibility with</u> <u>Water:</u>	Not miscible or difficult to mix.
• <u>Viscosity:</u> Dynamic: <u>Kinematic:</u>	Not determined. Not determined.
<u>Solvent content:</u> <u>Organic solvents:</u>	33.3 %
Solids content: • Other information	66.8 % No further relevant information available.

### 10 Stability and reactivity

· Reactivity No further relevant information available. · 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) products:

Nitrogen oxides (NOx)

Possible in traces.

Carbon monoxide and carbon dioxide

#### **11 Toxicological information**

- · Information on toxicological effects
- <u>Acute toxicity:</u>

<ul> <li>LD/LC50 values that are relevant for classification:</li> </ul>
ATE (Acute Toxicity Estimate)

Oral	LD50	>6,015 mg/kg (rat)	
Dermal	LD50	>5,229 mg/kg (rat)	
Inhalative		35.5 mg/l (rat)	

#### 100-42-5 styrene

Oral	LD50	>2,000 mg/kg (rat)	
Dermal	LD50	>2,000 mg/kg (rat) (OECD-Prüfrichtlinie 402)	

(Contd. on page 8)

Printing date 03/05/2019

Trade name: Stone Shield Vinyl Ester Adhesive

	(Contd. of page 7
Inhalative LC50/4h	9.5 mg/m3 (mouse)
LC50/4 h	n 11.8 mg/l (rat)
NOAEC	4.34 mg/l (rat)
Primary irritant effect	t:
• on the skin: • on the eye:	Irritant to skin and mucous membranes. Irritating effect.
<ul> <li>Sensitization:</li> </ul>	Sensitization possible through skin contact.
<ul> <li>Experience with hur</li> </ul>	<u>mans:</u> After incorporation and inhalation styrene predominantly will be metabolized ir the organism to mandelic and phenylglyoxylic acid and matabolites will pass through urine excretion.
<ul> <li>Additional toxicologi</li> </ul>	•
information:	The product shows the following dangers according to internally approved calculation methods for preparations: Harmful Irritant
<ul> <li>Carcinogenic catego</li> </ul>	ories
IARC (International	Agency for Research on Cancer)
100-42-5 styrene	2B
· NTP (National Toxic	cology Program)
100-42-5 styrene	R
· OSHA-Ca (Occupat	tional Safety & Health Administration)

None of the ingredients is listed.

### **12 Ecological information**

· Toxicity			
Aquatic toxicity:			
100-42-5 st	yrene		
EC50/96h	0.15-3.2 mg/l (Pseudokirchneriella subcapitata)		
EC50	500 mg/l (BES) (ISO Vorschrift 8192-1986 E)		
	5.5 mg/l (Photobac. phosphoreum)		
IC50/72h	4.9 mg/l (green alge)		
	1.4 mg/l (selenastrum capricornutum)		
IC5/8d	>200 mg/l (Scenedesmus quadricauda)		
EC10/16h	72 mg/l (pseudomonas putida)		
EC50/16h	>72 mg/l (pseudomonas putida)		
EC50/8d	>200 mg/l (Scenedesmus quadricauda)		
EC50/72u	>1-<10 mg/l (green alge)		
EC20/0.5h	140 mg/l (BES) (OECD 209)		
NOEC/21d	1.01 mg/l (daphnia magna)		
EC10	0.28 mg/l (Pseudokirchneriella subcapitata) (EPA OTS 797.1050)		
EC50/48h	0.56 mg/l (green alge)		
	3.3-7.4 mg/l (daphnia magna)		
EC50/72h	0.46-4.3 mg/l (Pseudokirchneriella subcapitata)		
LC50/96h	>1-<10 mg/l (piscis)		
	19.03-33.53 mg/l (lem)		
	3.24-4.99 mg/l (pimephales promelas)		
	6.75-14.5 mg/l (Pimephales promelas)		
	58.75-95.32 mg/l (poecilia reticulata)		
LC50/72h	4.9 mg/l (green alge)		
	(Contd. on page 9)		

Printing date 03/05/2019

Reviewed on 03/05/2019

Trade name: Stone Shield Vinyl Ester Adhesive

Trade name: Stone Shield Vinyl Ester Adhesive			
	(Contd. of page 8)		
• Persistence and degradability	No further relevant information available.		
<ul> <li>Behavior in environmental system</li> <li>Bioaccumulative potential</li> </ul>	ems: No further relevant information available.		
Mobility in soil	No further relevant information available.		
· Additional ecological informatio			
<ul> <li>General notes:</li> </ul>	Water hazard class 2 (Self-assessment): hazardous for water		
<u>Results of PBT and vPvB assess</u>			
• <u>PBT:</u> • vPvB:	Not applicable. Not applicable.		
• Other adverse effects	No further relevant information available.		
13 Disposal considerations			
Waste treatment methods     Recommendation:	Must not be disposed of together with household garbage. Do not allow product		
	to reach sewage system.		
Uncleaned packagings:			
· Recommendation:	Empty contaminated packagings thoroughly. They can be recycled after thorough and proper cleaning.		
· Recommended cleansing agent:	Alcohol		
14 Transport information			
· <u>UN-Number</u>			
· DOT, ADR, IMDG, IATA	UN1866		
· UN proper shipping name			
· <u>DOT</u>	Resin solution		
· <u>ADR</u> · IMDG, IATA	1866 RESIN SOLUTION RESIN SOLUTION		
	RESIN SOLUTION		
· Transport hazard class(es)			
· <u>DOT, IMDG, IATA</u>			
· Class	3 Flammable liquids		
· Label	3		
· ADR			
8			
3			
· <u>Class</u> · Label	3 (F1) Flammable liquids		
	3		
<ul> <li><u>Packing group</u></li> <li><u>DOT</u>, ADR, IMDG, IATA</li> </ul>	111		
	111		
Environmental hazards:     Marine pollutant:	No		
• Special precautions for user	Warning: Flammable liquids		
<ul> <li><u>Danger code (Kemler):</u></li> <li><u>EMS Number:</u></li> </ul>	- F-E, <u>S-E</u>		
	(Contd. on page 10) US		

Printing date 03/05/2019

Reviewed on 03/05/2019

Trade name: Stone Shield Vinyl Ester Adhesive

	(Contd. of page 9)
Stoward Cotogony	
· <u>Stowage Category</u>	Α
<u>Transport in bulk according to Annex II</u>	
MARPOL73/78 and the IBC Code	Not applicable.
· Transport/Additional information:	
· <u>ADR</u>	
<ul> <li>Excepted quantities (EQ)</li> </ul>	Code: E1
	Maximum net quantity per inner packaging: 30 ml
	Maximum net quantity per outer packaging: 1000 ml
· IMDG	
• <u>Limited quantities (LQ)</u>	5L
Excepted quantities (EQ)	Code: See SP340
<ul> <li><u>UN "Model Regulation":</u></li> </ul>	UN 1866 RESIN SOLUTION, 3, III
15 Regulatory information	
<ul> <li><u>Safety, health and environmental regula</u></li> <li>Sara</li> </ul>	tions/legislation specific for the substance or mixture
Sectior 355 (extremely hazardous substan	ces):
None of the ingredient is listed.	
Sectior 313 (Specific toxic chemical listings)	<u>s):</u>
100-42-5 styrene	
• TSCA (Toxic Substances Control Act):	
All ingredients are listed.	
v	WADNING This product can expect you to a shamiast. Others a which
California Prop.65	WARNING This product can expose you to a chemical, Styrene, which



is known to the state of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

<u>     Proposition 65</u>			
<u>Chemicals known to cause cancer:</u>			
100-42-5 styrene			
<u>Chemicals known to cause reproductive toxicity for females:</u>			
None of the ingredients is listed	I.		
Chemicals known to cause reproductive toxicity for males:			
None of the ingredients is listed	I.		
<u>Chemicals known to cause developmental toxicity:</u>			
None of the ingredients is listed	I.		
· Cancerogenity categories			
EPA (Environmental Protection Agency)			
None of the ingredients is listed.			
<u>TLV (Threshold Limit Value established by ACGIH)</u>			
100-42-5 styrene	A4		
• MAK (German Maximum Workplace Concentration)			
100-42-5 styrene			
NIOSH-Ca (National Institute for Occupational Safety and Health)			
None of the ingredients is listed.			
· GHS label elements	The product is classified and labeled according to the Globally Harmonized System (GHS).		

Printing date 03/05/2019

Trade name: Stone Shield Vinyl Ester Adhesive

Reviewed on 03/05/2019

Trade Hame. Stone Shield Virtyr Ester	Aunesive	
· Hazard pictograms		(Contd. of page 10)
	GHS02 GHS07 G	
		1308
- <u>Signal word</u>	Warning	
Hazard-determining components		
of labeling: · <u>Hazard statements</u>		
		damage to the hearing organs through prolonged or repeated
Precautionary statements	P210	Keep away from heat/sparks/open flames/hot surfaces No smoking.
	P260 P280	Do not breathe vapours. Wear protective gloves/protective clothing/eye protection/face
	P303+P361+P353	protection. If on skin (or hair): Take off immediately all contaminated 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 rinsing.
	P314 P403+P233 P403+P235	Get medical advice/attention if you feel unwell. Store in a well-ventilated place. Keep container tightly closed. Store in a well-ventilated place. Keep cool.
	P405 P501	Store locked up. Dispose of contents/container in accordance with local/ regional/national/international regulations.
· National regulations:		
<ul> <li>Information about limitation of use:</li> </ul>		ctions concerning young persons must be observed. ictions concerning pregnant and lactating women must be
· Water hazard class:	Water hazard clas	s 2 (Self-assessment): hazardous for water.
<ul> <li><u>VOC USA</u></li> <li>Chemical safety assessment:</li> </ul>	365.8 g/l / 3.05 lb/ A Chemical Safety	gal Assessment has not been carried out.
16 Other information		
This information is based on our pr product features and shall not esta		lowever, this shall not constitute a guarantee for any specific contractual relationship.
<ul> <li>Department issuing SDS:</li> <li>Date of preparation / last revision</li> <li>Abbreviations and acronyms:</li> </ul>	fer (Regulations Conce ICAO: International Civ ADR: Accord européer Agreement concerning	
		ference 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

Printing date 03/05/2019

Reviewed on 03/05/2019

### Trade name: Stone Shield Vinyl Ester Adhesive

		(Contd. of page 11)
	LD50: Lethal dose, 50 percent	(
	PBT: Persistent, Bioaccumulative and Toxic	
	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	
	BEI: Biological Exposure Limit	
	Flam. Liq. 3: Flammable liquids – Category 3	
	Acute Tox. 4: Acute toxicity – Category 4	
	Carc. 2: Carcinogenicity – Category 2	
	Repr. 2: Reproductive toxicity – Category 2	
	STOT SE 3: Specific target organ toxicity (single exposure) – Category 3	
	STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2	
	Asp. Tox. 1: Aspiration hazard – Category 1	
<ul> <li>International Product Registration</li> </ul>		
Status	AUS (Australian Inventory of Chemical Substances, AICS)	
	CDN (Canadian Domestic Substances List, DSL)	

ROK (Korean Existing Chemical Inventory, ECI)

US