SAFETY DATA SHEET

REGISTER: Sep-19
Rev 3

PPS Bond & Seal

1 IDENTIFICATION OF THE SUBSTANCE OR MATERIALS	
PRODUCT NAME	PPS Bond & Seal
USE**	Joining and Sealing Condensate Pro/ Primary Pro Insulation and sealing wall fabrics
MANUFACTURER/DISTRIBUTOR**	SMARTOVATIONS LTD Unit 1AB Spectrum Business Park, McGregors Way Chesterfield Derbyshire S40 2WB 01433 440290
EMERGENCY INFORMATION	as above

2 COMPOSITION/INFORMATION ON INGREDIENTS	
Description	Joining and sealing condensate insulation and sealing wall fabrics
Classification according to Regulation (EC) No. 1272/2008	Not classified.
Hazard Statements	**EUH208:** Contains bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate. May produce an allergic reaction. **H319:** Causes serious eye irritation. **H412:** Harmful to aquatic life with long lasting effects. Inhalation of vapours may cause irritation or discomfort. Ingestion may cause nausea, vomiting or gastrointestinal upset. The product is not intended for ingestion or inhalation and should be kept out of the reach of children and pets.

MIXTURES

TRIMETHOXY VINYLSILANE

EINECS	CAS	CHIP Classification	CLP Classification	Percent
220-449-8	2768-02-7	-: R10; Xn: R20	Acute Tox. 4: H332; Flam. Liq. 3: H226	1 - 10%

N-(2-AMINOETHYL)-3-AMINOPROPYLTRIMETHOXYSILANE

EINECS	CAS	CHIP Classification	CLP Classification	Percent
217-164-6	1760-24-3	Xi: R41; Sens.: R43; Xn: R20; N: R51/53	Eye Dam. 1: H318; Aquatic Chronic 2: H411; Acute Tox. 4: H332; Skin Sens. 1: H317	<1%

BIS(1,2,2,6,6-PENTAMETHYL-4-PIPERIDYL) SEBACATE AND METHYL 1,2,2,6,6-PENTAMETHYL-4-PIPERIDYL SEBACATE

EINECS	CAS	CHIP Classification	CLP Classification	Percent
-	-	Sens.: R43; N: R50/53	Skin Sens. 1: H317; Aquatic Acute 1: H400; Aquatic Chronic 1: H410	<1%

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3 HAZARDS IDENTIFICATION	
Hazards	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
	Irritating to eyes and skin.
	Repeated exposure may cause skin dryness or cracking
Additional Information	This product is not classified as hazardous according to current CHIP legislation. PBT: This product is not identified as a PBT/vPvB substance.
4 FIRST-AID MEASURES	
INHALATION**	Move the exposed person to fresh air immediately. If not breathing or breathing is difficult provide artificial respiration or oxygen by trained personnel and seek urgent medical attention. If a child or pet has inhaled vapours or product obtain immediate medical or veterinary attention.
SKIN CONTACT**	Remove affected person from the source of contamination and remove all contaminated clothing. Wash the skin immediately with soap and water. Seek medical attention if irritation persists. If irritation develops in sensitive individuals, including children, seek medical advice.
EYE CONTACT**	Immediately remove any contact lenses from the eyes. Promptly wash the eyes with plenty of water while lifting the eyelids and continue to rinse for fifteen minutes. Seek medical attention if irritation persists.
INGESTION**	Do not induce vomiting. Immediately remove the affected person from the source of exposure. If conscious rinse the mouth thoroughly with water and give water to drink. Seek urgent medical attention. If a child or pet ingests the product consult a doctor or veterinary professional immediately.
5 FIRE-FIGHTING MEASURES	
SUITABLE EXTINGUISHING MEDIA	Suitable extinguishing media for the surrounding fire should be used.
Avoid Using	N/A
SPECIAL FIRE FIGHTING PROCEDURES **	Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.
6 ACCIDENTAL RELEASE MEASURES	
PERSONAL PRECAUTIONS **	Turn leaking containers leak side up to prevent the escape of liquid.
ENVIRONMENTAL PRECAUTIONS	Do not discharge into drains or rivers.
SPILL CLEAN UP METHODS	Clean-up procedures: Allow product to solidify and remove it by mechanical means. Remove uncured product with acetone.
7 HANDLING AND STORAGE	
HANDLING PRECAUTIONS **	Store in a cool (above 5 °C), well ventilated area. Keep container tightly closed. Avoid spillages and avoid contact with skin and eyes. Ensure adequate ventilation and avoid breathing vapours.
STORAGE PRECAUTIONS **	Must only be kept in original packaging. Always store out of the reach of children and pets.

SAFETY DATA SHEET

REGISTER: Sep-19
Rev 3

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8 EXPOSURE CONTROLS AND PERSONAL PROTECTION	
WORK PLACE EXPOSURE LIMITS	Protective gloves.
	Safety glasses. Ensure eye bath is to hand.
	Protective clothing.
RESPIRATORY EQUIPMENT **	Respiratory protection not required.
HAND PROTECTION	Wear Protective gloves .
EYE PROTECTION	Wear full eye protection.
9 PHYSICAL AND CHEMICAL PROPERTIES	
APPEARANCE	Paste
COLOUR	Black
ODOUR	Barely perceptible odour
MELTING POINT	N/A
BOILING POINT	>150
FLASH POINT	N/A
DENSITY AT 20°C	N/A
10 STABILITY AND REACTIVITY	
STABILITY**	Stable under recommended transport or storage conditions.
CONDITIONS TO AVOID**	Heat
HAZARDOUS REACTIONS	Hazardous reactions will not occur under normal transport or storage conditions.
HAZARDOUS DECOMPOSITION PRODUCTS **	In combustion emits toxic fumes.
11 TOXICOLOGICAL INFORMATION	
GENERAL INFORMATION **	BIS(1,2,2,6,6-PENTAMETHYL-4-PIPERIDYL) SEBACATE AND METHYL 1,2,2,6,6-PENTAMETHYL-4-PIPERIDYL SEBACATE
HEALTH WARNINGS **	**General Information** Irritating to the eyes and skin. **Inhalation** Vapours may cause irritation to the respiratory system. **Ingestion** May cause nausea, vomiting or gastrointestinal upset. Children and pets may be more susceptible to these effects. **Skin Contact** Product has a de-moisturising effect on the skin. **Eye Contact** Causes serious eye irritation.
ROUTES OF ENTRY**	Inhalation. Skin absorption.
12 ECOLOGICAL INFORMATION	
ECOLOGICAL TOXICITY	This product is not identified as a PBT substance.

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13	DISPOSAL CONSIDERATIONS
DISPOSAL METHODS**	Disposal of packaging: Dispose of as normal industrial waste. Waste code number: 08 04 10. The generation of waste should be avoided or minimised wherever possible. Residues of the product should be disposed of in accordance with all applicable local and national regulations. Ensure waste and residues are stored and disposed of in a manner that prevents access by children and pets.
Waste code number: 08 04 10	

NB: The user's attention is drawn to the possible existence of regional or national

14	TRANSPORT INFORMATION
LAND TRANSPORT(ADR/CDG) This product does not require a classification for transport.	

15	OTHER INFORMATION
This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.	
RISK-PHRASES IN FULL	EUH208: Contains <name of sensitising substance>. May produce an allergic reaction.
	H315: Causes skin irritation.
	H319: Causes serious eye irritation.
	H332: Harmful if inhaled.
	H400: Very toxic to aquatic life.
	H410: Very toxic to aquatic life with long lasting effects.
	H412: Harmful to aquatic life with long lasting effects
	R38: Irritating to skin
	R41: Risk of serious damage to eyes
	R43: May cause sensitisation by skin contact.
	R50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
	R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Legal disclaimer:

The information provided in this Safety Data Sheet is believed to be accurate and given in good faith. It does not purport to be exhaustive and should be used only as a guide for safe handling, storage and use. This product is safe when used as intended. The material is not designed for ingestion or inhalation and the company accepts no liability for harm arising from misuse, including ingestion or exposure by children or pets.