

Safety Data Sheet

Protan SE/EX-A PVC Membrane

The safety data sheet is in accordance with Commission Regulation (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

SECTION 1: IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1	Product name:	Protan SE/EX-A roofing membranes	
	Product definition:	Plasticised PVC coating reinforced with a polyester textile.	
1.2	Use of the substance / preparation:	Roofing membrane to be used as roofing for exposed roofs. Joints are welded with hot air equipment. Protan EX-A is felt-laminated and can be covered directly on asphalt underlay.	
	Consumer use:	Yes	
1.3	Details of the supplier of the safety data sheet:	PROTAN AS Postboks 420 Brakerøya 3002 DRAMMEN Norway Tel: +47 32221600 Fax: +47 32221700 Email: sara.salman@protan.no	
1.4	Emergency telephone number:	Tel: +47 32221600	

SECTION 2: HAZARDS IDENTIFICATION

2.1	Classification of the substance or mixture		
	CLP Classification, comments	H 351 Limited evidence of a carcinogenic effect Antimony trioxide - Id no: 051-005-00-X EC no: 215-175-0 - CAS no: 1309-64-4 Concentration. (weight %): < 1% Classification: • Carc. Cat. 3; H351 •	
	CLP classification, notes	None, according to EC directives.	
	Substance / mixture hazardous properties	None	
2.2	Label elements		
	Supplemental label information	None, according to EC directives.	
	Other label information (CLP)	Not regarded as a health or environmental hazard according to regulation (EC) no.1907/2006 (REACH).	
	EC label	No	
2.3	Other hazards		

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

3.2	Mixtures		
	Substance comments	The mentioned component Antimony trioxide Sb ₂ O ₃ are reacted into or bonded in the material. The effective concentration of the substance in the product	

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	are significantly lower than the mentioned concentration of the component.	
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SECTION 4: FIRST AID MEASURES

4.1	Description of first aid measures		
	Inhalation	Not applicable except during welding. Move to fresh air in case of accidental inhalation of vapours or decomposition products.	
	Skin contact	Not applicable except during welding. There is risk of burns if touching molten hot material.	
	Eye contact	Not applicable except during welding. In case of contact between molten hot material and eyes, rinse immediately with plenty of water and seek medical advice.	
	Ingestion	Not applicable.	
4.2	Most important symptoms and effects, both acute and delayed		
4.3	Indication of any immediate medical attention and special treatment needed		

SECTION 5: FIREFIGHTING MEASURES

5.1	Extinguishing media		
	Suitable extinguishing media	Adequate and suitable extinguishing equipment must be available at the building site, i.e. 6 kg ABE powder extinguisher or 1" fire hose connected to a water supply.	
5.2	Special hazards arising from the substance or mixture		
	Hazardous combustion products	In case of fire, corrosive and harmful gases can come free.	
5.3	Advice for firefighters		

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1	Personal precautions, protective equipment and emergency procedures		
	Personal protection measures	Not applicable	
6.2	Environmental precautions		
	Environmental precautionary measures	Not applicable	
6.3	Methods and material for containment and cleaning up		
	Clean up	Place in a suitable container for disposal in accordance with the waste regulations (see Section 13).	
6.4	Reference to other sections		

SECTION 7: HANDLING AND STORAGE

7.1	Precautions for safe handling		
7.2	Conditions for safe storage, including any incompatibilities		
	Storage	Preferably in dry conditions and not directly exposed to sun radiation. Wooden pallet with plastic wrapping.	
7.3	Specific end use(s)		

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1	Control parameters		
	Control parameters	Not applicable for this article	

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	comments	Provide adequate ventilation during Welding.	
8.2	Exposure controls		
	Eye / face protection		
	Suitable eye protection	Not applicable.	
	Hand protection		
	Suitable glove type	Gloves when appropriate.	
	Skin protection		
	Suitable protective clothing	The personnel should wear protective clothing.	
	Respiratory protection		
	Respiratory protection, general	When welding indoors the concentration of smoke can be irritating for respiratory organs. Use extra ventilation or protection mask ABE1P3	

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1	Information on basic physical and chemical properties		
	Form	Solid	
	Colour	Different colours available.	
	Odour	Not applicable	
	Density	Value; 1,1 - 1,4 g/cm	

SECTION 10: STABILITY AND REACTIVITY

10.1	Reactivity		
10.2	Chemical stability		
	Stability	Stable under the recommended storage and handling conditions. (See Section 7).	
10.3	Possibility of hazardous reactions		
10.4	Conditions to avoid		
10.5	Incompatible materials		
10.6	Hazardous decomposition products		
	Hazardous decomposition products	At very high temperatures pyrolysis/combustion products such as water vapour, carbon monoxide, carbon dioxide and hydrochloric acid may form.	

SECTION 11: TOXICOLOGICAL INFORMATION

11.1	Information on toxicological effects		
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SECTION 12: ECOLOGICAL INFORMATION

12.1	Toxicity		
	Ecotoxicity	Ecological problems are not known, or expected, under normal use.	
12.2	Persistence and degradability		
12.3	Bioaccumulative potential		
12.4	Mobility in soil		
12.5	Results of PBT and vPvB assessment		
12.6	Other adverse effects		

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SECTION 13: DISPOSAL CONSIDERATIONS

13.1	Waste treatment methods		
	Appropriate methods of disposal for the chemical	Contact waste disposal services or deliver for recycling	
	Appropriate methods of disposal for the contaminated packaging	Contact waste disposal services.	

SECTION 14: TRANSPORT INFORMATION

	Dangerous goods	No	
14.1	UN Number		
14.2	UN proper shipping name		
14.3	Transport hazard class(es)		
14.4	Packing group		
14.5	Environmental hazards		
14.6	Special precautions for user		
14.7	Transport in bulk according to Annex II of Marpol and the IBC Code		

SECTION 15: REGULATORY INFORMATION

15.1	Safety, health and environmental regulations / legislation specific for the substance or mixture		
	Other labelling requirements	None	
15.2	Chemical safety assessment		

SECTION 16: OTHER INFORMATION

Last update date (Protan AS)	30.09.2020	
Moy Materials Ltd version prepared by	Martin Bidewell	

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