

Liquisol



Material Safety data Sheet

1) identification of the substance or product and of the company/undertaking

product name	3SEASONS
product type	liquid solar control
company name	Liquisol
address	lindberg 52, 2520 Oelegem,Belgium
phone number	+32 3 256 01 72
date of issue	21-dec.-2011

2) composition and information of ingredients

acrylate polymers, inert inorganic pigment covered with various metal oxides, additives & stabilisers

3) hazard identification

not classified as dangerous in compliance with Directive 67/548/EEC and/or Directive 1999/45/EC

(Cat. A/e): 50 g/l VOC

4) First-aid measures

eye contact	flush thoroughly with water.
skin contact	wash thoroughly with water and mild soap.
inhalation	remove to fresh air and keep at rest
ingestion	keep at rest, and seek medical assistance.

5) Fire-fighting measures

special instructions for firefighters not flammable

6) Accidental release measures

recover all spillage and contain in a container that can be sealed, and remove to safe area. Dispose all waste material according to local authority waste regulations. Do not allow spillage to enter drains or watercourses to prevent possible pollution

7) handling and storage.

handling:	use only in well ventilated areas
	seal the container every time
storage	avoid direct sun light
	store in ventilated area.
	keep from freezing
	store below 30 °C

8) exposure controls/personal protection

personal protective equipment

eye protection	wear goggles when handling
skin protection	wear gloves made from materials that are impermeable and that are resistance to organic solvents and chemical agents.
respiratory protection	in case of application by spraying, wear an appropriate protective mask

9) physical and chemical properties

physical state	liquid
colour	white/lilac

odor	mild acrylic odor
boiling point	not applicable
freezing point	-1 °C
pH value	8
hazardous information	not applicable
flash point	not applicable
exposure limit	not applicable
auto-ignition	not applicable
10) stability and reactivity	
conditions to avoid	stable under normal conditions
materials to avoid	strong acids and bases
hazardous decomposition products	none known
hazardous polymerization reaction	no hazardous polymerization
11) toxicological information	
not applicable	
12) ecological information	
in case of spillage and disposal, handle carefully because it might affect the environment. especially, avoid the product and wash water to enter soil, river, or drainage.	
13) disposal considerations	
provisions relating to waste	
Waste material code (75/442/EEC, Council Decision 2001/118/EC, O.J L47 of 16/2/001)	
packaging-container	no available data
14) transport information	
general	follow instructions listed in the section 7
land transport	not subjected to limitations / regulations
maritime transport	not subjected to limitations / regulations
air transport	not subjected to limitations / regulations
UN Number	not applicable
15) regulatory information	
not classified as dangerous in compliance with Directive 67/548/EEC and/or Directive 1999/45/EC	
16) other information	
the information contained herein is based on our present knowledge. However , this shall not constitute a guarantee for any specific product features. The customer is strongly advised to handle carefully because the assessment of the hazardous information is not fully developed.	



3 SEASONS

LIQUID SOLAR CONTROL