

Safety Data Sheet

1. Product Name	SAN sheets/SAN-UV sheets
1 Chemical Nature	Styrene - acrylonitrile - copolymer
1.2 Hazardous ingredients	none
1.3 Form	Sheets
1.4 Colour	Clear
1.5 Odour	Faint specific odour
2. Possible Hazards	None
3. Physical data	
3.1 change in physical state, softening point	>95°C DIN 53460
3.2 Ignition temperature	>400°C DIN 51794
3.3 Fire promoting properties	none
3.4 Density	1.08 g/cm ³
3.5 Bulk density	600-680 Kg/m ³ (approx.)
3.6 Solubility in water	Insoluble
3.7 Solubility in other solvents	Soluble in polar solvents
4. Fire fighting measures	
4.1 Suitable extinguishing media	Water, dry extinguishing media, foam
Unsuitable extinguishing media for safety reasons	None
4.2 The following can be given off in a fire	Carbon dioxide (CO ₂) and steam. In addition small quantities of the following substances can be formed: carbon monoxide, monomers, other degradation products, hydrogen cyanide (traces)
4.3 Special protective equipment	In case of fire, wear a self contained breathing apparatus
4.4 further information	Dispose of fire debris and contaminated extinguishing water in accordance with local regulations.
5. Transport information	Not classified as hazardous under transport regulations
5.1 Toxicological information	In our experience and according to information available to us the product is not harmful to health provided it is correctly handled and processed according to the given recommendations (by analogy)
6. First aid measures	
If inhaled	On inhalation of decomposition products: keep patient calm, remove to fresh air, summon medical help
On skin contact	Areas affected by molten material should be quickly placed under cold running water.
On contact with eyes	Wash affected eyes for at least 15 minutes under running water with eyelids held open.
Note to physician	On inhalation of decomposition products: treat according to symptoms (decontamination, vital functions), no known specific antidote.
7. Exposure controls	
Components with workplace control parameters	
The following can be given off when the product is processed (traces)	Styrene: CAS-No. 100-42-5 Observe the appropriate MAK value (Germany); TRGS 900 (Germany)
	Acrylonitrile: CAS-No. 107-13-1 The relevant TRK value (Germany) should be noted; TRGS 100, 102 (Germany) EC category C2 Given suitable ventilation it can be assumed that the threshold limits will not be reached.
7.1 Personal protective equipment	
Respiratory protection	If breathable dust is formed Filter P1 (for solid particles) DIN 3181
Eye protection	Safety glasses: with free flowing granules when cutting or grinding

8. Handling & Storage	
Handling	Gaseous products of degradation can be given off if the product is greatly overheated: monomers, other degradation products, traces of hydrogen cyanide. Avoid inhalation of vapour. Processing machines must be fitted with local exhaust ventilation. When the product is ground up, dust explosion regulations should be noted.
9. Ecological information	
Elimination information	No data available: insoluble in water
Behaviour and environmental fate	Due to the consistency of the product and its insolubility in water, it will apparently not be bioavailable.
9.1 Disposal considerations	Product must be dumped or incinerated in accordance with local regulations.
10. Stability and Reactivity	
Conditions to avoid	To avoid thermal decomposition, do not overheat. Starts to decompose at 320°C approx. Possible thermal degradation products: monomers, other degradation products, traces of hydrogen cyanide.
11. Regulatory information	
Labeling according EEC directives not subject to labelling.	
National legislation/regulations	In Germany not classified according to German Hazardous Substance regulations.
	The information given herein is provided in good faith and to the best of our knowledge but no warranty, express or implied is made.