

Gossen Corporation  
2030 West Bender Road, Milwaukee, WI 53209

TEL: 1 800 558 8984  
1 414 228-9800  
EMERGENCY: 1 414 523 2040 ex. .24

CONTACT: Hong Chang  
Research and Development Scientist

Date of Preparation: January 2006

## MATERIAL SAFETY DATA SHEET

SECTION I Material Identity/Trade name: GOSENS EXPANDED PVC Profiles  
Chemical Name: Extruded PVC  
Common Name: Poly Vinyl Resin with functional additives

SECTION II COMPONENT INFORMATION  
COMPOSITION: Process Aid, Stabilizer, Plasticizer, Filler, Lubricant, Blowing Agent, Pigments

SECTION III PHYSICAL PROPERTIES  
Have excellent workable and weathering properties

SECTION IV FIRE AND EXPLOSION HAZARDS  
PVC is inherently flame retardant, but like all materials, when exposed to live flame catches fire  
Extinguishing Media - Water, ABC Dry Chemical, Protein Type Air Foams  
Special Fire Fighting Procedures:  
Wear SELF CONTAINED BREATHING APPARATUS (SCBA), Pressure Demand, MSHA/NIOSH approved or equivalent, full fire protective clothing/gear. Persons not having a suitable respiratory protection must leave the area to prevent significant exposure to toxic combustion gases/fumes.  
In enclosed or poorly ventilated areas, wear SCBA during cleanup immediately after a fire as well as during the attack phase of fire fighting operations.  
Unusual Fire and Explosion Hazards  
None known

SECTION V HEALTH HAZARD INFORMATION  
During sawing/cutting the profiles, wear protective eye glasses and breathing mask, to prevent inhalation of fine dust

	PERCENT	OSHA		ACHIH	
		PEL	C	TWAC	C
Inert or Nuisance Dust - Respirable	100	5	N/A	--	--
Total:		15	N/A	--	--
Particular not otherwise classified - Respirable	100	--	--	3	N/A
Total:		--	--	10	N/A

Effects of Over Exposure  
NO adverse health effects are anticipated or reported under normal work conditions

## SECTION VI FIRST AID

Inhalation of fine dust as a result of sawing/cutting the profiles:

Remove the effected individual to fresh air and support breathing as necessary. If necessary, contact a physician

Eye Contact:

Flush eyes with large amounts of water, and seek medical attention if irritation persists.

Ingestion: Not an anticipated hazard

Skin contact: Remove contaminated clothing. Clean skin with water and soap. Good personal hygiene practices are recommended for material handling

## SECTION VII REACTIVITY INFORMATION

Stability - Stable

Conditions to avoid - Not applicable

Hazardous Decomposition Products: Hydrogen Chloride, Carbon Monoxide, Carbon Dioxide

## SECTION VIII DISPOSAL PROCEDURE INFORMATION

Steps to be taken in case the profiles catch fire: Eliminate ignition source. Avoid breathing and immediately use Breathing Apparatus, move to clean fresh air.

Dampen dust with water mist spray. Scoop/shovel dust /material in a container for disposal in accordance with all Federal, State/Provincial and Local Laws/regulations

## SECTION IX SPECIAL PROTECTION

Ventilation Type - Effective ventilation should always be provided to draw dust away from workers to prevent routine inhalation. Ventilation should be adequate to maintain the ambient workplace atmosphere. Wear protection glove and eye glasses during sawing of the profile when installing as a safety measure.

## SECTION X SPECIAL PRECAUTIONS

Material Handling - As with any product, handle with care, to avoid cuts from sharp edges of the profiles. To be stored in the safe area, away from possible fire hazardous materials.

STORAGE - Sprinkled warehouse areas are recommended. The product by itself will not support combustion, however materials such as wooden pallets, paper bags, cardboard boxes and other combustibles can provide sufficient fuel to cause the product to burn.

HOUSEKEEPING - Remove any dust generated as a result of sawing/handling of the profiles to eliminate breathing hazards. Keep the storage areas well ventilated.

## NOTICE:

The information presented herein is based on the data considered to be accurate as of the date of preparation of this Material Safety Data Sheet. However, no warranty or representation expressed or implied, is made as to the accuracy or completeness of the foregoing data and safety information. In addition, no responsibility can be assumed by the vendor for any damage or injury from abnormal use, from any failure to adhere to recommended practices, or from any hazards inherent in the nature of the product.