



Safety Data Sheet

1. IDENTIFICATION

Product Identifier:	Fuzion – FR Grades – all densities
Manufacturer:	Palziv North America
Address:	7966 NC 56 Hwy Louisburg, NC 27549
Phone Number:	919-497-0010
Emergency Phone Number:	919-497-0010
Recommended Use:	For industrial and personal uses.
Restrictions on Use:	None.

2. HAZARD IDENTIFICATION

Hazard classification:
Contains Antimony trioxide.
ACGIH consider Antimony trioxide as A2 – suspected human carcinogen.
Antimony trioxide is according to directive 67/458/EEC classified as X _n – harmful, Class 3 – carcinogen, R40 – limited evidence of carcinogenic effect.
However for encapsulated or bound preparations (e.g. polymers / Elastomers / extruded form) the exposure path and therefore the risk is eliminated. According to Article 10 or Annex V.B.9. (EU Dangerous Substance Directive, 67/548/EEC, Annex VI, 9.3.) such preparations "do not present a danger to human health by inhalation, ingestion or contact with the skin or to the aquatic environment in the form in which they are placed on the market".

3. COMPOSITION/INGREDIENT DATA

<u>Substance</u> <u>(Abbreviation)</u>	<u>Substance</u> <u>(Chemical Name)</u>	<u>Cas#</u>	<u>PHR</u>
PE	Polyethylene	9002-88-4	100
DCP	Residuals of Dicumyl Peroxide Decomposition	80-43-3	<1
ADCA	Residuals of Azodicarbonamide Decomposition	123-77-3	< 20
MB	Organic Pigment		< 3
CB	Carbon Black	1333-86-4	< 10
Sb ₂ O ₃	Antimony Trioxide	1309-64-4	< 4
C ₁₄ H ₄ Br ₁₀	Bis (pentabrom - ophenyl) ethane	84852-53-9	< 12



4. FIRST AID MEASURES

Ingestion:	If material has been ingested, seek medical advice.
Skin Contact:	There is no risk and no need to work with gloves.
Eye Contact:	Rinse eyes with water. In case of an uncomfortable sensation, consult a doctor or ophthalmologist.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media: CO₂, H₂O, Foam, Dry Chemical Powder
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During a fire it is advisable to cool the material with water. Material that was not ignited should, if possible, be removed from the vicinity of the fire to a safe area. Care must be taken not to stand underneath burning material, dripping of burning molten material may occur.

Smoke may contain toxic substances; it is therefore advisable to wear a mask.

Even after the flames have been extinguished, the material should be cooled with water, in order to prevent a renewed outbreak of the fire due to self-ignition.

6. ACCIDENT RELIEF MEASURES

Protective Equipment:	When cleaning fragments with air pressure, a protective mask should be worn over the nose and mouth and protective goggles should be worn over the eyes.
Environmental Precautions:	None necessary.
Methods for Cleaning Up:	Can be cleaned by any acceptable method: Dust and fragments may be vacuumed, swept or blown away by use of air pressure.

7. HANDLING AND STORAGE

Handling:	No restrictions.
Storage:	It is advisable to store in a ventilated warehouse on pallets raised off the ground.

The rolls should be packed in perforated polyethylene sheeting for ventilation. The material must not be stored outside, particularly in the rain or in the sun. Shrink wrap is not advisable.



8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Chemical name	CAS No.	TLV/TWA	
Antimony trioxide	1309-64-4	0.5 [mg/m ³]	ACGIH
Engineering measures to reduce exposure:			
If dust or vapor condition is above the recommended level, use local extraction apparatus (likely only in the case of a fire).			
Personal Protection Equipment:			
Respiratory Protection:	When cleaning fragments with air pressure, a protective mask should be worn over the nose and mouth.		
Hand Protection:	There is no need for gloves.		
Eye Protection:	Protective goggles should be used when cleaning fragments with air pressure.		
Skin and Body Protection:	There is no need for any protective measures.		

9. PHYSICAL AND CHEMICAL PROPERTIES

State: Foam PE	Color: Various	Odor: None
Density: 25-200kg/m ³	Melting Point: N/A	Decomposition Temp: 400°C
Boiling Point: N/A	Vapor Pressure: N/A	Auto Ignition Temp: N/A
Flashpoint: N/A	Explosion Risk: N/A	Water Solubility: None

10. STABILITY AND REACTIVITY

Stability:	(x) Stable	() Unstable
Conditions to Avoid:	Temperatures over 150°C.	
Hazardous Decomposition Products:	Including but not limited to: Hydrocarbons, CO, Trace Ammonia	
Hazardous Polymerization:	() may occur	(x) will not occur

11. TOXICOLOGICAL INFORMATION

Skin:	No toxicity.
Eye:	Dust may cause irritation.
Ingestion:	Uncomfortable if ingested.
Inhalation:	A high concentration of dust and fragments may cause nausea.
Chronic Toxicity:	No toxicity.



12. ECOLOGICAL INFORMATION

Details for elimination:	The waste can be buried at an appropriate site or burned in a furnace The foam can also be ground down for the production of recycled foams.
Performance in Ecological Sub System:	
Ecotoxicity:	None.

13. DISPOSAL CONSIDERATIONS

Waste from residues/unused:	Dispose of in accordance with local regulations.
Contaminated Packaging:	

14. TRANSPORTATION INFORMATION

ADR/RID-HI/UN No.: Not classified	Class:
Proper shipping name:	
IMDG-UN No.: None	Marine Pollutant: No
Proper shipping name:	Class:
MFAG:	MDG Page:
ICAO:	UNI/ID No.:
Proper shipping name:	EMS:
	Class:

15. REGULATION INFORMATION

Classification according to European directive on classification of hazardous preparations 1272/2008/CE
Symbols:
R-phrases:
S-phrases:

16. OTHER INFORMATION

Date of Last Revision:	10/8/2018
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