



# Safety Data Sheet

## 1. IDENTIFICATION

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

## 2. HAZARD IDENTIFICATION

<b>Hazard classification:</b>
Contains Antimony trioxide.
ACGIH consider Antimony trioxide as A2 – suspected human carcinogen.
Antimony trioxide is according to directive 67/458/EEC classified as X <sub>n</sub> – 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

<b>Substance (Abbreviation)</b>	<b>Substance (Chemical Name)</b>	<b>Cas#</b>	<b>PHR</b>
LDPE	Polyethylene	9002-88-4	100
ZnO	Zinc Oxide	1314-13-2	<2
ZnSt	Zinc Stearate	557-05-1	<1
DCP	Residuals of Dicumyl Peroxide	80-43-3	<1
ADCA	Decomposition Residuals of Azodicarbonamide	123-77-3	< 20
MB	Organic Pigment		< 3
CB	Carbon Black	1333-86-4	< 10
Sb <sub>2</sub> O <sub>3</sub>	Antimony Trioxide	1309-64-4	< 4



C <sub>14</sub> H <sub>4</sub> Br <sub>10</sub>	Bis (pentabrom - ophenyl) ethane	84852-53-9	< 12
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#### 4. FIRST AID MEASURES

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

#### 5. FIRE FIGHTING MEASURES

**Suitable extinguishing media: CO<sub>2</sub>, H<sub>2</sub>O, Foam, Dry Chemical Powder**  
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

<b>Protective Equipment:</b>	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.
<b>Environmental Precautions:</b>	None necessary.
<b>Methods for Cleaning Up:</b>	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

<b>Handling:</b>	No restrictions.
<b>Storage:</b>	It is advisable to store in a ventilated warehouse on pallets raised off the ground.  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
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Antimony trioxide	1309-64-4	0.5 [mg/m <sup>3</sup> ]	ACGIH
<b>Engineering measures to reduce exposure:</b>			
If dust or vapor condition is above the recommended level, use local extraction apparatus (likely only in the case of a fire).			
<b>Personal Protection Equipment:</b>			
<b>Respiratory Protection:</b>	When cleaning fragments with air pressure, a protective mask should be worn over the nose and mouth.		
<b>Hand Protection:</b>	There is no need for gloves.		
<b>Eye Protection:</b>	Protective goggles should be used when cleaning fragments with air pressure.		
<b>Skin and Body Protection:</b>	There is no need for any protective measures.		

## 9. PHYSICAL AND CHEMICAL PROPERTIES

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

## 10. STABILITY AND REACTIVITY

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

## 11. TOXICOLOGICAL INFORMATION

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

**Proper shipping name:**

**MFAG:** **MDG Page:** **EMS:**

**ICAO:** **UNI/ID No.:** **Class:**

**Proper shipping name:**

### 15. REGULATION INFORMATION

Classification according to European directive on classification of hazardous preparations 1272/2008/CE

**Symbols:**

**R-phrases:**

**S-phrases:**

### 16. OTHER INFORMATION

<b>Date of Last Revision:</b>	10/8/2018
<b>Telephone:</b>	919-497-0010
<b>Fax:</b>	919-496-2523
<b>Website:</b>	www.palzivna.com