

GAF-FIRE

Health & Safety Data Sheet

PRODUCT INFORMATION

Fire retardant vinyl coated cloth tape for gaffing and harnessing applications.

HAZARDOUS INGREDIENT INFORMATION

Chemical Name	CAS Number	Weight %	TLV (TWA8)
Chlorinated Paraffin	63449-39-8	<0.5	Not established
Antimony Oxide	1309-64-4	0.5 – 3.0	0.5mg/m ³ as Sb
Antimony Pentoxide	1314-60-9	<0.1	0.5mg/m ³ as Sb
Decabromodiphenyl Oxide	1163-19-5	5.0 – 10.0	5mg/m ³

PHYSICAL DATA

Physical State:	Solid
Odour & Appearance:	Rubber like
Odour Threshold:	No data available
Specific Gravity:	1150-1250kg/m ³ (71-78 lb./ft ³)
Vapour Pressure:	Not applicable, non volatile material
Vapour Density:	Not applicable, non volatile material
Evaporation Rate:	Not applicable, non volatile material
Boiling Point:	Not applicable, solid material
Melting Point:	Not applicable. Will soften at elevated temperatures
pH:	Not applicable, insoluble
Coefficient of oil/water distribution:	Insoluble in both oil and water

FIRE & EXPLOSION HAZARD DATA

Flash Point:	Not applicable
Autoignition Temperature:	Not applicable
Flammable Limits:	Not applicable
Fire Extinguishing Substances:	Water spray, foam or dry chemical using manufacturer's recommended application techniques
Hazardous Combustion Products:	Will not combust but will smoulder and can release carbon dioxide, carbon monoxide, hydrogen chloride, hydrogen bromide, bromine, oxides of antimony and other hydrocarbon vapours. Irritating fumes may develop and may be toxic
Special Fire Fighting Procedures:	Will not support combustion. Avoid eye and skin contact of fumes released upon heating

REACTIVITY DATA

Stability:	Stable
Incompatibility:	None
Hazardous Decomposition Products:	At temperatures over 250°C (482°F) carbon monoxide, carbon dioxide, hydrogen chloride, hydrogen bromide, bromine, oxides of antimony and other hydrocarbon vapours may be produced. Carbon monoxide formation is enhanced under conditions of oxygen starvation.

HEALTH HAZARD INFORMATION

Effects of Acute & Chronic Exposure:

Inhalation:	Not expected to be an inhalation hazard as an adhesive tape product
Ingestion:	This product contains materials that can have mildly toxic effects if ingested. Antimony compounds can cause gastrointestinal effects such as vomiting and diarrhoea
Eyes:	Antimony compounds can cause irritation. This product is unlikely to affect the eyes due to the low concentration. The most likely route of eye contact is hand-to-eye and this should be avoided.
Skin:	Can be mildly irritating to skin

Toxicity Data:

General Overview: Product contains flame retardant additives. These materials are present in low concentrations and thoroughly bound within the product structure. As such, health risks associated with the product are low.

Carcinogenicity:	No reported effects
Reproductive Effects:	No reported effects
Teratogenic Effects:	No reported effects
Mutagenic Effects:	No reported effects
Synergistic Effects:	No reported effects
LD 50 RAT (ORAL):	Chlorinated Paraffin (63449-39-8) - not available Antimony Oxides (1309-64-4 and 1314-60-9) - >4,000 mg/kg Decabromodiphenyl Oxide (1163-19-5) - >2,000 mg/kg

FIRST AID PROCEDURES

Inhalation:	Not applicable
Ingestion:	If ingested, consult a physician immediately
Eyes:	If eye irritation occurs, irrigate eyes with fresh water and seek medical attention
Skin:	Wash thoroughly with soap and water. Individuals experiencing skin sensitivity should discontinue use of product or use a skin barrier such as gloves or cream

SPILL & WASTE DISPOSAL PROCEDURES

Spill:	Not applicable
Waste Disposal:	Incinerate or bury in approved landfill site in accordance with local authority regulations. Be aware of combustion products which may be produced during incineration

PREVENTATIVE MEASURES

Engineering Controls:	Not applicable
Respiratory Protection:	Not required under normal use
Eye Protection:	Not required under normal use
Protective Gloves/Clothing:	As required if skin sensitivity develops
General Hygiene:	Thoroughly wash hands after contact with product to avoid potential exposure through hand-to-mouth contact while eating or smoking
Storage Requirements:	Store in a cool area away from ignition sources

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