

MSDS

MATERIAL SAFETY DATA SHEET

Applicant : **ARAMSCO INC.**
1480 GRANDVIEW AVE PAULSBORO NJ 08066-1801

Prepared by : **SHENZHEN CCT TESTING TECHNOLOGY CO., LTD**
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Report NO. : **CCT18090302GRS**

SHENZHEN CCT TESTING TECHNOLOGY CO., LTD

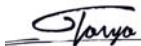
Drafted By:



Review By:



Approved By:



1. CHEMICAL PRODUCT INFORMATION

Product details:

Product name	:	Inflaming retarding polyethylene film
Model	:	N/A
Brand	:	1st Poly brand
TEL	:	856-686-7700
Fax	:	
E-mail	:	N/A

Supplier/Manufacturer

Applicant	:	ARAMSCO INC
Address	:	1480 GRANDVIEW AVE PAULSBORO NJ 08066-1801

Summary:

As specified by the client, This safety data sheet was prepared in accordance with Un GHS Rev.7, The EU CLP REGULATION(EC) No 1272/2008, and US OSH Hazard Communication Standards(29 CFR 1910.1200). Please refer to attached report for details.

2. COMPOSITION /HAZARDOUS INGREDIENTS

Chemical Name	CAS No.	Content (wt%)
Polyethylene	9002-88-4	80 - 90%
1,1'-(ethane-1,2-diyl)bis[pentabromobenzene]	84852-53-9	10 -15 %
Additives	---	0 - 10%

3. HAZARDS IDENTIFICATION

According to Regulation 2012 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200

Classification of the product	No need for classification according to GHS criteria for this product.
Label elements	The product does not require a hazard warning label in accordance with GHS criteria.
Hazards not otherwise classified	No specific dangers known, if the regulations/notes for storage and handling are considered.

4. FIRST AID MEASURES

No hazards which require special first aid measures.

Inhalation	No information available
Skin contact	No information available
Eye contact	No information available
Ingestion	No information available
Most important symptoms/effects, acute and delayed	No information available
Protection of first-aiders	No information available
Notes to physician	No information available

5. FIGHTING MEASURES

Suitable extinguishing media	Water spray, foam, dry powder.
Specific hazards	Burning is accompanied by melting and dripping which may cause the fire to spread. Hazardous combustion products Carbon monoxide Carbon dioxide (CO ₂)
Special protective equipment for firefighters	Wear self-contained breathing apparatus and protective suit.
Specific extinguishing methods	No information available.
Further information	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

6. ACCIDENTAL RELEASE MEASURES

Protective measures, devices and emergency treatment procedure for workers	No information available
Environmental precautions	No information available
Methods and materials for containment and cleaning up	Not applicable
Prevention of secondary hazards	No information available

7. HANDING AND STORAGE

Technical measures/Precautions	Material can create slippery conditions. Take precautionary measures against static discharges. Avoid dust formation.
Precautions for safe handling	No information available.
Suitable storage conditions	No special storage conditions required.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION
Personal protective equipment

Respiratory protection	Respiratory protection should not be required for normal use and handling. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators																				
Exposure Guidelines	<table border="1"> <tr> <td>PEL</td> <td>(OSHA)</td> <td>5 mg/m³</td> <td>8 hr. TWA</td> <td>Respirable fraction.</td> </tr> <tr> <td>PEL</td> <td>(OSHA)</td> <td>15 mg/m³</td> <td>8 hr. TWA</td> <td>Total dust.</td> </tr> <tr> <td>TLV</td> <td>(ACGIH)</td> <td>3 mg/m³</td> <td>8 hr. TWA</td> <td>Respirable particles</td> </tr> <tr> <td>TLV</td> <td>(ACGIH)</td> <td>10 mg/m³</td> <td>8 hr. TWA</td> <td>Inhalable particles.</td> </tr> </table>	PEL	(OSHA)	5 mg/m ³	8 hr. TWA	Respirable fraction.	PEL	(OSHA)	15 mg/m ³	8 hr. TWA	Total dust.	TLV	(ACGIH)	3 mg/m ³	8 hr. TWA	Respirable particles	TLV	(ACGIH)	10 mg/m ³	8 hr. TWA	Inhalable particles.
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Engineering controls	No information available.																				
Biological occupational exposure limits	No information available.																				
Personal protective equipment																					
Respiratory protection	Respiratory protection should not be required for normal use and handling. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.																				
Hand protection	No information available.																				
Eye protection	No information available.																				
Skin protection	No information available.																				
Hygiene measures	No information available.																				

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	solid
Color	white
Odor	none
Form	sheets
Melting point	Not available.
Ph	Not available.
Boiling point	Not available.
Flash point	Not available
Evaporation rate	Not available
Solubility in other solvents	Solubility
Boiling Point	Not available
Flammability (solid, gas)	Not available
Upper explosion limit	Not available
Lower explosion limit	Not available
Vapour pressure	not applicable
Vapour density	Not available
Density	0.90-0.96g/cm ³ .
Partition coefficient: noctanol/water	Not available
Auto-ignition temperature	Not available
Decomposition temperature	Not available
Viscosity, kinematic	Not available
Molecular weight	Not available

10. STABILITY AND REACTIVITY

Reactivity	Not available
Chemical stability	Not available
Possibility of hazardous reactions	Not available
Conditions to avoid	Not available
Materials to avoid	Not available
Hazardous decomposition products	Hazardous combustion products Carbon monoxide, Carbon dioxide

11 - TOXICOLOGICAL INFORMATION

Acute toxicity	
Oral Polyethylene	LD50/rat: 7,950 mg/kg
Skin corrosion/irritation	
Polyethylene	non-irritant
Serious eye damage/eye irritation	
Polyethylene	non-irritant
Respiratory or skin sensitisation	
Polyethylene	Not a skin sensitizer.
Germ cell mutagenicity	No information available.
Carcinogenicity	No information available.
Reproductive toxicity	No information available.
Specific Target Organ Toxicity	Specific target organ toxicity - single exposure No information available.
Aspiration hazard	No information available.
Other	No information available.

12 - ECOLOGICAL INFORMATION

Ecotoxicity effects	
Acute and prolonged toxicity to fish Polyethylene	The substance is a polymer and is not expected to produce toxic effects. Toxicity to aquatic plants No information available. Acute toxicity to aquatic invertebrates No information available.
Persistence and degradability	No information available.
Bioaccumulation	No information available.
Mobility in soil	No information available.
Other adverse effects	No information available.

13- DISPOSAL CONSIDERATIONS

Waste Disposal	Where possible recycling is preferred to disposal or incineration.
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14. TRANSPORT INFORMATION

Not classified as dangerous in the meaning of transport regulations.

15 - REGULATORY INFORMATION

NZ HSNO Status	Exempt
SARA 313 Regulated Chemical(s)	SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.
California Prop. 65	Chemicals known to State of California to cause cancer, birth defects or any other harm: none known
PA Right to Know Regulated Chemical(s)	Substances on the Pennsylvania Hazardous Substances List present at a concentration of 1% or more (0.01% for Special Hazardous Substances): none
NJ Right to Know Regulated Chemical(s)	Substances on the New Jersey Workplace Hazardous Substance List present at a concentration of 1% or more (0.1% for substances identified as carcinogens, mutagens or teratogens): none

16- REGULATORY INFORMATION

The above information is based on the data of which we are aware and is believed to be correct as of the data hereof. Since this information may be applied under conditions beyond our control and with which may be unfamiliar and since data made available subsequent to the data hereof may suggest modifications of the information, we do not assume any responsibility for the results of its use. This information is furnished upon condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.

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