

SubliLam

Material Safety Data Sheet
Issue Date: 20th October 2015



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Section 1 - Chemical Product Name:

SubliLam OPAQUE

Product use:

SubliLam to be used in Safety Glass Production.

When used according Viewcol's directions achieves AS 2088 1996 + EN 12543-4.

SUPPLIER:

Company: Viewcol FZE

Address:

Ajman Freezone

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United Arab Emirates

Tel.: +31 6 46335622

info@viewcol.com

Production

Viewcol Production

Essebaan 29

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Netherlands

Section 2 - Product Specifications:

SubliLam is a biaxial orientated film made from polyethylene terephthalate. This product does not contain deliberate addition of cadmium.

This product is odourless, insoluble in water.

Physical Properties:

Does not mix with water.

Sinks in water.

Molecular Weight : Not Applicable

Boiling Range (°C) : Not Applicable

Upper melt temperature (°C) : 255- 260

Specific heat : 1.34KJ/Kg @ 25degrees Celsius

Thermal conductivity : 0.14 W/mk

Heat of Combustion : 23.5 MJ/Kg

Limiting oxygen index : 21 - ASTM D863

Density : 1.4

Flash point (Deg C) : 440 - ASTM 09129-68

Specific Gravity (water=1) : 1.1 approx.

Solubility in water (g/L) : Immiscible pH (as supplied): Not Applicable

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Section 3 - HAZARDS IDENTIFICATION STATEMENT OF HAZARDOUS NATURE

SubliLam does not contain deliberate addition of cadmium.

SubliLam is odourless.

SubliLam is unlikely to cause harmful effects under normal conditions of handling and use.

SubliLam is considered stable and hazardous polymerisation will not occur.

POISONS SCHEDULE

Inhalation : Combustion of **SubliLam** may be an irritant.

Skin contact : No evidence of irritant effects from normal use. Sharp edges may cause cuts.

Eye contact : Sharp off cuts may cause eye damage.

Ingestion : Not likely / not applicable.

Long Term Exposure : This material has been in use for many years with no adverse effects

SubliLam is unlikely to cause harmful effects under normal conditions of handling and use. **Section 4 -**

Fire Fighting Measures for Extinguishing SubliLam and Packaging:

Fire Fighting Recommendations:

Normal extinguishing media including: Foam, Dry Chemical Powder, Carbon dioxide, BCF (where regulations permit).

Water spray or fog - Large fires only.

Use water delivered as a fine spray to control fire and cool adjacent area.

Alert Fire Brigade and tell them location and nature of hazard.

Wear breathing apparatus plus protective gloves.

Prevent, by any means available, spillage from entering drains or water courses.

DO NOT approach containers suspected to be hot.

Cool fire exposed containers with water spray from a protected location.

If safe to do so, remove shipping tubes from path of fire.

Potential Fire / Explosion Hazard:

Combustible but not readily ignited.

This film will shrink away from source of flame.

Persistent use of flame will ignite the **SubliLam**

Burning will result by melting and dripping which may cause the fire to spread.

Combustion of the **SubliLam** will evolve irritant vapours.

At complete combustion, the major by-products are Carbon dioxide and water.

At incomplete combustion, a range of products will be formed; the major by-products are

Carbon dioxide and water.

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Section 5 - First Aid Measures:

Only needed for thermal burns and following inhalation of smoke from burning material.
To be treated the same way as other thermal burns and wood smoke inhalation.

Inhalation	: Remove patient from exposure.
Skin contact	: If symptoms develop, obtain medical attention.
Eye contact	: Sharp off cuts may cause eye damage, obtain medical attention. : Irrigate with eyewash solution or clean water holding eyelids apart, If symptoms develop, obtain medical attention.
Ingestion	: Not likely, but if symptoms develop, obtain medical attention.

Section 6 - HANDLING AND STORAGE:

Handling:

Treat **SubliLam** like gold - it is a substrate that can be easily damaged. Handle **SubliLam** with cotton gloves - prevents transfer of grease or dirt. **SubliLam** edges can cause cuts when miss-handled.

Always wash hands with soap and water before handling.

When handling DO NOT eat, drink or smoke.

Physical damage can occur to the **SubliLam** if:

SubliLam is dropped - can cause kinking to the substrate - Could be visible after Laminating. **SubliLam** is dropped - can cause scratching to the substrate - Could be visible after Laminating. **SubliLam** must not be dragged over surfaces, - can cause scratching to the substrate
- Could be visible after Laminating.

STORAGE REQUIREMENTS:

Store in original containers.

Keep containers securely sealed.

Store in a cool, dry, well-ventilated area.

Keep away from heat and sources of ignition.

Storage temperature should be ambient. Exposures to extreme heat and humidity must be avoided.

Prior to lamination the SubliLam must allowed to acclimatise to the ambient conditions.

Section 7 - EXPOSURE CONTROLS:

General exhaust is adequate under normal operating conditions.

Provide adequate ventilation in warehouse or closed storage areas.

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Section 8 - Stability / Reactivity:

Hazardous decomposition of product : Above the decomposition temperature, the major volatiles will be terphthalic acid, carbon dioxide, carbon dioxide, carbon monoxide and small molecular weight alcohols / aldehydes.

Hazardous reactions : None Known, Chemically inert.

Section 9 - Disposal of Waste:

Consult State Land Waste Authority for disposal.
Recycle if possible, or dispose of at an authorised landfill.

Section 10 - Transportation Information:

HAZCHEM: None

Not regulated for transport of dangerous goods : UN, IATA, IMDG

Section 11 - Regulative information:

Poisons Schedule : None

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