

MATERIAL SAFETY DATA SHEET

1. Product & Company identification

Description	: BUTYL SEALANT TAPE
PRODUCT NAME	: BUTYL SEALANT TAPE
CHEMICAL	: A compound/composition based on Isobutylene-isoprene rubber Hydrocarbon based tackifier/plasticizer Carbon black Mineral filler
MANUFACTURER	: OSAKA RUBBER PVT LTD 6/103, Mittal Industrial Estate, Andheri kurla Road, Andheri (E) Mumbai-400059. Phone No. 28502064 / 8501083 / 4204 4204 Fax No. 91 22 8504082 / 4204 4205 E-mail : osakarubber@vsnl.com Web:- www.osakarubber.com : Factory: Shakti Udyog Nagar, Plot No.38, Veoor Village, Taluka-Palghar (East), Dist- Palghar Maharashtra – 401 404.

2. HAZARDOUS INGREDIENT INFORMATION :-

The product is difficult to ignite, does not undergo spontaneous combustion and does not produce dust explosives. Burning of this product can produce carbon monoxide, carbon dioxide and hydrocarbons. Use respirator for protection against possible exposure during a fire.

3. PHYSICAL PROPERTIES:-

Specific Gravity	: 1.40 G/cm ³ +/- 0.15 g/cm ²
Water absorption	: less than 0.5 % at room temperature
Softening Point	: More than 140°C
Corrosion	: No Corrosion
Ageing test	: No Flow and Cracks (as per ISO-188)

4. HEALTH INFORMATION AND PROTECTION :-

FIRST AID MEASURES :-

For Eye Contact	:	Flush with Luke warm water, occasionally lifting eyelids. Get medical attention.
For Skin Contact	:	Wash with soap and water. No protection required.
Inhalation	:	Negligible hazard at ambient temperatures 3 Deg C to 40 Deg C. Move to fresh air. Use nose mask.
Ingestion	:	No recognized health hazard.

5.FIRE & HEALTH HAZARD:-

Auto ignition Temp.	:	320 Deg C (estimated) data not available.
General Hazard	:	Carbon monoxide, carbon dioxide and hydrocarbons are products of combustion. Use Appropriate respirator for protection against possible exposure to these gases.
Fire Fighting	:	Avoid use of direct water on to the burning product. Use foam, dry chemicals or Carbon dioxide.
Health Hazard	:	Material is non-reactive solid and has not been associated with any adverse acute health effects. Mechanical irritation (i.e. abrasion) may occur if material is introduced into the eye. Eyes may become red, feel scratchy and may tear. Note:- gases and fumes evolved during the thermal processing or decomposition of this material may irritate the eyes, skin and respiratory tract.

6.REACTIVITY DATA :-

Thermal Stability	:	Stable up 150 Deg C
Materials to avoid	:	Strong oxidizing agents or oxygen at high temperatures.
Hazardous Decom- Position Products	:	Carbon monoxide, carbon dioxide and hydrocarbons.

7. SPILL CONTROL PROCEDURE :- Bury the sealant wastes in an approved landfill site

8. STABILITY AND REACTIVITY

STABILITY: Stable

HAZARDOUS POLYMERIZATION	:	Will not occur
MATERIALS AND CONDITIONS TO AVOID INCOMPATIBILITY	:	None
HAZARDOUS DECOMPOSITION PRODUCTS	:	Flammable Hydrocarbons.

9. STORAGE AND HANDLING

ELECTROSTATIC ACCUMULATION HAZARD	: No.
STORAGE TEMPERATURE, 0C	: Ambient
LOADING/UNLOADING TEMPERATURE, 0C	: Ambient
STORAGE/TRANSPORT PRESSURE, mmHg	: Atmospheric
STORAGE AND HANDLING	: This material is not a static accumulator, but use proper grounding procedures.

10. TYPICAL PROPERTIES :-

Flash Point	: Approx. 215 Deg C
Specific Gravity	: 1.4 +/- 0.15 g/cm ²
Elongation at Break	: Min 500 %
Water absorption	: Less than 0.5%
Needle Penetration	: 70 to 130 unit / 10 second

11 TOXICOLOGICAL INFORMATION :-

No special precautions are suggested beyond attention to good personal hygiene.

12.ECOLOGICAL INFORMATION: No specific ecological data are available on this product..

13. DOCUMENTARY INFORMATION

ISSUE DATE: 31/01/012	PRODUCT CODE NO:
PREV. DATE: ----	PREV. PROD. CODE NO: BUTYL SEALANT TAPE 50mm x 1.5mm
MSDS NO: ----	PREV. MSDS NO: N/A

14. DISPOSAL CONSIDERATION : Waste must be disposed off in accordance with Central, State and Local Environmental Control Regulations.

15. OTHER INFORMATION

THE INFORMATION SET FORTH ABOVE IS BASED ON INFORMATION WHICH WE BELIEVE TO BE ACCURATE. NO WARRANTY, EXPRESS OR IMPLIED, IS INTENDED. THE INFORMATION IS PROVIDED SOLELY FOR YOUR INFORMATION AND CONSIDERATION AND WE DO NOT ASSUME ANY LEGAL RESPONSIBILITY FOR USE OR RELIANCE THEREON.