

MATERIAL SAFETY DATA SHEET

SECTION 1. COMPANY IDENTIFICATION

COMPANY IDENTIFICATION

MANUFACTURER'S NAME: ALSTONE INDUSTRIES PVT. LTD.

ADDRESS: 2E/7, Jhandewalan Ext. New Delhi-110055

Tel: 011-41232400 (50 Lines) Toll Free: 1800-123-3123.

E: silicone@alstoneindia.com , ask@alstoneindia.com

PRODUCT NAME : **AS1000**

PRODUCT CLASSIFICATION: Silicone Fluid

SECTION 2. COMPOSITION

SINGLE OR MIXTURE: Single

CHEMICAL IDENTIFICATION: Dimethylpolysiloxane

HAZARDOUS COMPONENT(S)/(CAS No.): No hazardous materials present

SECTION 3. HAZARDS IDENTIFICATION

HAZARDS CLASSIFICATION: None (based on IMO)

FIRE AND EXPLOSION: Not considered flammable nor combustible, but will burn if involved in a fire.

POTENTIAL HEALTH EFFECT:

SKIN contact ; May cause slight skin irritation, but no significant effect.

EYES contact ; May cause slight eyes irritation.

INGESTION ; Estimated to be low-harmful.

SECTION 4. FIRST AID MEASURES

SKIN contact ; Remove product from skin with dry cloth or towel, and wash exposed area with detergent.

EYES contact ; Immediately flush with water for at least 15 minutes.

INGESTION ; Wash out mouth with water provided person is conscious. Never give anything by mouth to an unconscious person. Call a physician immediately.

SECTION 5. FIRE FIGHTING MEASURES

FLASH POINT(method used):

300 degrees C Min.(Open cup)

FLAMMABLE LIMITS :

LOWER: Not measured UPPER: Not measured

EXTINGUISHING MEDIA : Foam, dry chemical or carbon dioxide

SPECIAL FIRE FIGHTING PROCEDURE:
Not required

UNUSUAL FIRE AND EXPLOSION HAZARD:
None

SECTION 6. ACCIDENTAL RELEASE MEASURES

STEP TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Contain the spill or leak.
Scrape up with cardboard or rag and place in container.

SECTION 7. HANDLING AND STORAGE

PRECAUTION TO BE TAKEN IN HANDLING AND STORING:
Keep container closed when not in use.
Store in a cool place.
Keep away from heat and flame.
Do not lay the container on its side.
Avoid contact with eyes and prolonged or repeated skin contact.
Keep out of reach of children.
* * * * * Information about the emptied container * * * * *

Do not re-use this container.
Keep away from heat, sparks and flame.
Do not puncture or cut this container, and do not weld on or near this container.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE GUIDELINES:
ACGIH TLV-TWA : Not established,
OSHA PEL : Not established

RESPIRATORY PROTECTION(specify type):
See SECTION 11 of this MSDS for OTHER INFORMATION

VENTILATION:
LOCAL EXHAUST: See SECTION 11 of this MSDS for OTHER INFORMATION
MECHANICAL(general): See SECTION 11 of this MSDS for OTHER INFORMATION
SPECIAL: Unknown
OTHER: Unknown

PROTECTIVE GLOVES: Plastic film or rubber gloves
EYE PROTECTION: Safety glasses

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Eyewash equipment
WORK/HYGIENIC PRACTICES: Wash hands after handling.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT : Not applicable
VAPOR PRESSURE : Negligible (25 degrees C)
VAPOR DENSITY(air=1) : Not applicable
SPECIFIC GRAVITY : 0.970(25 degrees C)
MELTING POINT : Not applicable
EVAPORATION RATE : Negligible (Butyl Acetate=1)
SOLUBILITY IN WATER : Not soluble (<1 ppm)
APPEARANCE(color) : Colorless, transparent
APPEARANCE(form) : Fluid
ODOR : Odorless

SECTION 10. STABILITY AND REACTIVITY

STABILITY : Stable
CONDITION TO AVOID : None
INCOMPATIBILITY(material to avoid) : None
HAZARDOUS DECOMPOSITION OR BY-PRODUCT : None
HAZARDOUS POLYMERIZATION : Will not occur
CONDITION TO AVOID : None

SECTION 11. TOXICOLOGICAL INFORMATION

SKIN IRRITATION : Essentially nonirritating to skin
EYE IRRITATION : May cause transitional slight eyes irritation.
SENSITIZATION : No evidence of sensitization
ACUTE TOXICITY(LD50) :
LD50(Oral/Rat) : >5g/kg (estimated by similar dimethylpolysiloxane)
ACUTE TOXICITY(LC50) : Not applicable
SUBACUTE TOXICITY : No evidence of subacute toxicity in rats or mice
CHRONIC TOXICITY : No significant effects were observed.
CARCINOGENICITY :
NTP:Not listed, IARC : Not listed, OSHA REGULATED: Not listed
No evidence of carcinogenicity in laboratory animals
MUTAGENICITY : No evidence of mutagenicity
REPRODUCTIVE EFFECT : No information is available.
TERATOGENIC EFFECT : No clear evidence of teratogenic effect(estimated)

OTHER INFORMATION:

This product can generate formaldehyde at approximately 150 degrees C(300°F) and above in the presence of air. Formaldehyde is a skin and respiratory sensitizer, eye and throat irritant, acute toxicant and potential cancer hazard. So, use adequate ventilation or wear protective equipment such as gloves, goggles or protective clothing when this product is heated at approximately 150 degrees C(300°F) and above in the presence of air.

SECTION 12. ECOLOGICAL INFORMATION

BIODEGRADATION : No evidence of biodegradation
BIOACCUMULATION : No evidence of bioaccumulation
AQUATIC TOXICITY : No evidence of aquatic toxicity
OTHER INFORMATION : May cause decomposition in dry soils.

SECTION 13. DISPOSAL CONSIDERATIONS

Can be burned in a chemical incinerator equipped with an afterburner and scrubber.
Do not dispose the emptied container unlawfully.
Observe all federal, state, and local laws.

SECTION 14. TRANSPORT INFORMATION

UN No. : None
IMO CLASSIFICATION AND CLASS: None
PACKAGING GROUP : None
PROPER SHIPPING NAME : None
TECHNICAL SHIPPING NAME : None
MARINE POLLUTANT : None
DOT REPORTABLE QUANTITY(RQ) :HAZARD SUBSTANCE(S)NAME / (CAS No.),CONTENTS AND RQ Not applicable

SECTION 16. OTHER INFORMATION

For Industrial Use Only

This materials safety data sheet is offered solely for your information, consideration and investigation.

The data described in this MSDS consist of data on literature, our acquisitional data and analogical inference by data of similar chemical substance or product.

ALSTONE INDUSTRIES PVT.LTD. provides no warranties, either express or implied, and assumes no responsibility for the accuracy or completeness of the data contained herein.