

# TECHNICAL BULLETIN

## ADSIL 131

Adsil 131 is a soft non-toxic silicone grease, Adsil 131 is chemically inert and is an excellent lubricant for rubber and plastic surfaces. It can also be used in electrical insulators, as a corrosion inhibitor, water repellent, and in rubber-plastic parts as a lubricant.

### TYPICAL DATA

Appearance White/Transparent  
Temperature -100° F to 500° F  
Penetration 200 to 300  
Bleed Stable @ 500° F  
Evaporation Less than 1% @ 500° F  
Dielectric Constant 3.0  
Dissipation Factor 0.005  
Dielectric Strength 500 Volts/Mil  
Volume Resistivity  $1 \times 10^{14}$  ohm cm  
Specific Gravity 1.01-1.03

TYPICAL PROPERTIES SHOULD NOT BE USED FOR PREPARING SPECIFICATIONS  
MANUFACTURERS OF QUALITY PRODUCTS

## ADHESIVE SOLUTIONS L L C

60 OAKWOOD DRIVE  
OXFORD, CONN 06478  
Ph/Fax (203)8883325

ADSIL-131 is approved silicone used in PART NUMBERS:

MM13329 Tube pack  
MM14307 1oz Plastic tube  
MM12853 3oz Plastic tube

JOHN D CANDELMO



## MATERIAL SAFETY DATA SHEET

ADSEI-131

MANUFACTURED BY: SPECIALTY SILICONE PRODUCTS, INC. EMERGENCY TELEPHONE: (518)-885-8826

CURIIS INDUSTRIAL PARK  
ROUTE 67 - BUILDING 42  
BALLSTON SPA, NY 12020

REVISED: 6/26/2008

PREPARED BY: Frederic E. Sober, Sr.

SUPPLIED BY: ADHESIVE SOLUTIONS LLC  
60 OAKWOOD DRIVE  
OXFORD, CONN. 06478-1411

Contact Person JOHN D CANDELMO  
Phone: (203)2067907  
FAX: (203)8883325

### SECTION 1: MATERIAL IDENTIFICATION

MATERIAL ID: ADSEI-131 MADE EXCLUSIVE FOR  
ADHESIVE SOLUTIONS LLC

FORMULA: MIXTURE

COLOR: White - Opaque

CHEMICAL FAMILY: SILICONE GREASE

CHEMICAL NAME: Dimethyl Polysiloxane

### EMERGENCY OVERVIEW:

THIS IS A SOLID MIXTURE. NO SIGNIFICANT HAZARDS ARE EXPECTED UNDER NORMAL CONDITIONS OF HANDLING AND USE. REFER TO SPECIFIC INFORMATION THROUGHOUT THIS MSDS.

### SECTION 2: CHEMICAL COMPONENTS

HAZARDOUS COMPONENTS	APPROX. WGT. %	ACGIH		OSHA		UNITS	CAS REC.
		TWA	STEL	TWA	STEL		NO.
NONE							

### SECTION 3: POTENTIAL HEALTH EFFECTS

#### SIGNS & SYMPTOMS OF EXPOSURE:

INGESTION: NONE KNOWN.

SKIN CONTACT: A MILD SKIN IRRITANT

EYE CONTACT: MAY CAUSE MILD EYE IRRITATION

INHALATION: A DUST HAZARD MAY OCCUR IF SILI  
IS SEPARATED FROM THE MIXTURE.

MEDICAL CONDITIONS AGGRAVATED: NONE KNOWN

CHRONIC EFFECTS OF EXPOSURE: THIS PRODUCT OR ONE OF ITS INGREDIENTS PRESENT 0.1% OR MORE IS NOT LISTED AS A CARCINOGEN OR SUSPECTED CARCINOGEN BY NTP, IARC, OR OSHA.

PRINCIPAL ROUTES OF EXPOSURE: EYES

OTHER: THIS PRODUCT CONTAINS METHYLPOLYSILOXANE WHICH CAN GENERATE FORMALDEHYDE AT APPROXIMATELY 300°F (150°C) AND ABOVE, IN ATMOSPHERES WHICH CONTAIN OXYGEN. FORMALDEHYDE IS A SKIN AND RESPIRATORY SENSITIZER, EYE AND THROAT IRRITANT, ACUTE TOXICANT, AND POTENTIAL CANCER HAZARD. AN MSDS FOR FORMALDEHYDE IS AVAILABLE FROM SSP.

\*\*\* CONTINUED ON NEXT PAGE \*\*\*

MATERIAL SAFETY DATA SHEET

MSII-131

SECTION 4: FIRST AIDEMERGENCY AND FIRST AID PROCEDURES:INGESTION: NONE KNOWN.SKIN: WASH WITH SOAP AND WATER.INHALATION: NONE KNOWN.EYES: IN CASE OF CONTACT, IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR 15 MINUTES AND GET MEDICAL ATTENTION IF ANY IRRITATION PERSISTS.NOTE TO PHYSICIAN: NONE KNOWNSECTION 5: FIRE & EXPLOSION

FLASH PT. NA (F) NA (C) BY NA IGNITION TEMP: UNKNOWN (F) UNKNOWN (C)

FLAMMABLE LIMITS IN AIR (5): LOWER: NA UPPER: NA

EXTINGUISHING MEDIA: ALL STANDARD FIRE FIGHTING MEDIA.SPECIAL FIRE FIGHTING PROCEDURES:

WEAR SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE EQUIPMENT.

SECTION 6: REACTIVITYSTABILITY: STABLEHAZARDOUS POLYMERIZATION: WILL NOT OCCURHAZARDOUS DECOMPOSITION/COMBUSTION PRODUCTS:CARBON MONOXIDE  
CARBON DIOXIDE  
SILICON DIOXIDE  
FORMALDEHYDEINCOMPATIBILITY (MATERIALS TO AVOID): NONE KNOWNCONDITIONS TO AVOID: NONE KNOWN

\*\*\* CONTINUED ON NEXT PAGE \*\*\*





**MATERIAL SAFETY DATA SHEET**

ADSIIL-131

**SECTION 14: SUPPLEMENTAL INFORMATION**WASTE MANAGEMENT INFORMATION:

THIS PRODUCT AS SOLID IS NOT A HAZARDOUS WASTE ACCORDING TO 40 CFR 261.  
DISPOSAL SHOULD BE MADE IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

HAZARD RATING SYSTEMS

HMIS	FLAMMABILITY	0	REACTIVITY	0	HEALTH	0
NFPA	FLAMMABILITY	0	REACTIVITY	0	HEALTH	0

OTHER:

THESE DATA ARE OFFERED IN GOOD FAITH AS TYPICAL VALUES AND NOT AS A PRODUCT SPECIFICATION. NO WARRANTY, EITHER EXPRESSED OR IMPLIED, IS MADE.

KEY:

C:	CEILING LIMIT	NEGI:	NEGLIGIBLE
ESI:	ESTIMATED	NF:	NONE FOUND
NA	NOT APPLICABLE	UNKN:	UNKNOWN
NE:	NONE ESTABLISHED	REC:	RECOMMENDED
ND:	NONE DETERMINED	V:	RECOMMENDED BY VENDOR
R:	RECOMMENDED	SKN:	SKIN
		IS:	TRADE SECRET

\*\*\* END \*\*\*