

MATERIAL SAFETY DATA SHEET
May be used to comply with
OSHA's Hazard Communication
Standard, 29CFR 1910.2100.

U.S. DEPARTMENT OF LABOR
Occupational Safety and
Health Administration
(Non-Mandatory Form)

016-NDT-STD/NUC-PENETRANT (AEROSOL) (OKI BERING PT.# 0-1004-95)

KCI, INC.
3710 N. DAVIDSON STREET
CHARLOTTE, N.C. 28205

CHEMTREC (24-HOUR) 800-424-9300
INFORMATION 704-372-8435
DATE PREPARED: JANUARY 10, 2011

SECTION II-HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous components CAS# OSHA PEL ACGIH TLV % (optional)
This product is not regulated under the OSHA Hazard Communication
Standard, 29CFR 1910.1200 or S.A.R.A. Title III.

HAZARDOUS COMPONENTS	CAS#	OSHA PEL	ACGIH TLV	OTHER %
KEROSENE	8008-20-6	400PPM		80-90
PROPANE/ISOBUTANE	74-98-6	1000PPM		10-20

KEROSENE CONTAINS 0.5-1.5% XYLENE MIX (1330-20-7), 0.5-1.5% NAPHTHALENE (91-20-3)
0.4-1.2% BIPHENYL (92-52-4) WHICH ARE SUBJECT TO THE REPORTING REQUIREMENTS
OF SECTION 313 OF SARA TITLE III.

SECTION III-PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: -42F TO 350F	Specific Gravity (H ₂ O=1)	.8
Vapor Pressure: N/A	Melting Point:	N/A
Vapor Density: 4.0	Evaporation Rate: <1 (BUTYL=1)	

Solubility in Water: Negative.
Appearance and Odor: Red/solvent odor.

SECTION IV-FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used)	Flammable Limits	LEL	UEL
-156F (TCC)	% BY VOLUME	2.3	9.5

Extinguishign Media: Water, Carbon Dioxide, Foam, Dry Chemical
Special Firefighting Procedures: A self-contained breathing apparatus
recommended for firefighters.
Aerosol cans may rupture when heated.

MSDS01009



SECTION VII-PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to Be Taken in Case Material Is Released or Spilled:

Wash down with water or absorb
with clay.

Waste Disposal Method:

Dispose of in accordance with
local, state, and federal regu-
lations.

Precautions to Be Taken in
Handling and Storing:

Keep away from heat and flames.
Store at temperatures below 120F.

Other Precautions:

When spraying more than one can
continuously use NIOSH respirator.

SECTION VIII-CONTROL MEASURES

Respiratory Protection(Specify type)

Self-contained breathing apparatus if above TLV.

Ventilation: Local Exhaust-YES

Special-N/A

Mechanical- N/A

Other-N/A

Protective Gloves- Rubber

Eye Protection-Wear
goggles for splash
protection.

Other Protective Clothing: As necessary to prevent prolonged
personal contact.

Work/Hygienic Practices: Water for flushing should be
available. Do not smoke while using.
Wash skin after use with soap and water.

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-PENETRANT

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NEW JERSEY RIGHT TO KNOW INFORMATION (HAZARDOUS & NON-HAZARDOUS)

KEROSENE	CAS#8008-20-6
PROPANE	CAS#74-98-6
NAPTHALENE	CAS# 91-20-3
XYLENE MIX	CAS#1330-20-7
N-BUTANE	CAS#106-97-8

NFPA RATING
HEALTH-1
FLAMMABILITY-4
REACTIVITY-0
OTHER-0