

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)

018-NDT-STD-DEVELOPER (AEROSOL) (OKI BERING PT.# 0-2002-1425)

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	OTHER	(%)
*Methylene Chloride	75-09-2	25ppm	50ppm	125STEL	80-90
*Zinc Stearate	557-05-1	15mg/m3	10mg/m3	-----	1-10
Talc	14807-96-6	2mg/m3	2mg/m3	-----	1-10
Propane/Isobutane/ n-Butane	74-98-6	1000ppm	1000ppm	Asphyxiant	1-10

Acceptable ceiling concentration for methylene chloride is 1000 ppm; max above peak for 8hr. shift is 2000ppm for 5 min./any 2 hr

*SEE ATTACHED SHEET FOR SARA TITLE III NOTIFICATION/INFORMATION.

SECTION III-PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: -42.1F to 104F	Specific Gravity (H2O=1): 1.1
Vapor Pressure: @70F / 46 psig	Melting Point: N/A
Vapor Density (AIR=1) 4.0	Evaporation Rate: <1 (Butyl Acetate=1)
Solubility in Water: Negative	
Appearance and Odor: White/Ethereal odor.	

SECTION IV-FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used)	Flammable Limits	LEL	UEL
-156F (TCC)	In Air	2.3	9.5

Extinguishing Media: Use water fog, CO2, or dry chemical.
Special Firefighting Procedures: Firefighters should wear a self-contained breathing apparatus to avoid possible traces of phosgene during a fire.

Unusual Fire and Explosion Hazards: Heated cans may burst.

MSDS01011



SECTION V-REACTIVITY DATA

Stability Unstable: Conditions to Avoid
 High temperatures.

Stable :X

Incompatibility(Materials to Avoid)

Incompatible with strong oxidizers and active metals.

Hazardous Decomposition or Byproducts

In fire,will decompose to water,carbon dioxide,halogen acids,
and phosgene.

Hazardous Polymerization: Conditions to Avoid
May Occur: NIA

Will Not Occur: X

SECTION VI-HEALTH HAZARD DATA

Route(s)of Entry: Inhalation: Yes Skin: Yes Ingestion: Yes

Health Hazards(Acute and Chronic)

May cause dizziness or narcosis in high vapor concentrations.
Will cause defatting of the skin. Effects are reversible. Long
term exposure(years)to high concentraions of vapor may cause
lung,liver or kidney damage. The solvents listed have been
reported to affect the central nervous system. Aspiration
hazard if swallowed. May irritate respiratory tract.

Carcinogenicity: No NTP N/A IARC Monographs N/A OSHA N/A

This product contains a chemical known to the State of
California to cause cancer.

Signs and Symptoms of Exposure: May cause irritation to skin and
eyes. Ingestion-vomiting.
Inhalation-dizziness,headaches.

Emergency First Aid Procedures: Eyes:flush eyes with water for
15 minutes. Skin:wash with soap
& water. Inhalation : remove to
fresh air. Call physician.
Ingestion: drink water.

SECTION VII-PRECAUTIONS FOR SAFE HANDLING AND USE

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

Ventilate area. Remove all sources of ignition. Clean up with inert materials and dispose in accordance with local, state and federal regulations.

Waste Disposal Method: AEROSOL CONTAINER: Do not puncture or incinerate. Empty containers may be disposed of through normal channels. Full or partially filled containers are hazardous waste.

Precautions to Be Taken in

Handling and Storing: Do not store in direct sunlight, near open flames or at temperatures that exceed 120F.

Other Precautions: Use NIOSH approved respirator when spraying for prolonged periods.

SECTION VIII-CONTROL MEASURES

Respiratory Protection(Specify type)

Should be in accordance with 29 CFR 1910.134.

Ventilation: Local Exhaust-Yes	Special-None
Mechanical- None	Other-None

Protective Gloves-Yes, neoprene. Eye Protection-Yes

Other Protective Clothing or Equipment-See 29CFR 1910.132 &133.

Work/Hygienic Practices: Wash hands with soap and water following use of product.

NEW JERSEY RIGHT TO KNOW INFORMATION

METHYLENE CHLORIDE	CAS# 75-09-2
PROPANE	CAS# 74-98-6
N-BUTANE	CAS# 106-97-8
ISOBUTANE	CAS# 75-28-5
ZINC STEARATE	CAS# 557-05-1
TALC	CAS#14807-96-6

HMIS-NFPA CLASSIFICATION

HEALTH-1	4-SEVERE HAZARD
FLAMMABILITY-4	3-SERIOUS HAZARD
REACTIVITY-0	2-MODERATE HAZARD
OTHER-0	1-SLIGHT HAZARD
	0-MINIMAL HAZARD

SARA TITLE III NOTIFICATION INFORMATION

All chemical compounds marked with an asterisk() are toxic chemicals subject to the reporting requirements of Section 313 of Title III of the Super Fund Amendments and Reauthorization Act(SARA) of 1986 and 40 CFR Part 372. You must notify each person to whom this mixture or trade name product is sold. This statement must remain a part of this Material Safety Data Sheet. This statement must not be detached. Any copy or redistribution of this Material Safety Data Sheet shall include this statement.