

MATERIAL SAFETY DATA SHEET

RECORD NO.: P559

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SECTION 1. NAME AND PRODUCT

PC090

NAME: PC090

SYNONYMS: Polydimethylsiloxane,tetramethylammonium silanolate terminat

CAS REG.NO.: 68440-88-0* FORMULA: NA

SECTION 2. HAZARDOUS INGREDIENTS

PC090

COMPONENT

ACGIH TLV

OSHA PEL

Polydimethylsiloxane,tetramethylammonium silanolate
terminated

NA

NA

For Research and Development Use Only

LEGEND:

- (+) This chemical is subject to the reporting requirements of
SARA Title III Section 313 and 40CFR Part 372,
and is potentially at the maximum concentration listed.
(++) SARA Title III Section 302 Extremely Hazardous Substance
(+++) CERCLA Hazardous Substance
[00000-00-0] Chemical Abstracts Services Registry Number.

If no marks appear with a listed ingredient, then the ingredient
is not included in any of the regulatory categories appearing in
the Legend of this Material Safety Data Sheet.

SECTION 3. PHYSICAL DATA

PC090

APPEARANCE: White solid

Possibly some uncrystallized liquid.

B.PT.(deg.C/mm): >93.4 C

VAPOR PRESSURE(mm/deg.C): NA

M.PT.(deg.C): NA

VAPOR DENSITY(AIR=1): NA

% SOLUBLE IN WATER: Insoluble

SPECIF.GRAVITY: ~0.98

% VOLATILE BY VOLUME: NA

SECTION 4. FIRE AND EXPLOSION HAZARD

PC090

FLASH POINT: NA

FLAMMABLE LIMITS (STP IN AIR)

LOWER LIMITS: NA

UPPER LIMITS: NA

FIRE EXTINGUISHING MEDIA: CO2, foam, dry chemical

PERSONAL PROTECTION FOR FIGHTING FIRE: Fire fighters must wear positive-
pressure, self-contained breathing apparatus and full protective clothing.

SECTION 5. REACTIVITY DATA

PC090

STABILITY (UNDER NORMAL CONDITIONS): Unstable
CONDITIONS TO AVOID:
Contact with water or moist air.
Contact with acids.
Decomposes on exposure to water or atmospheric moisture.

HAZARDOUS POLYMERIZATION: Will not occur

CONDITIONS TO AVOID:

NA

HMIS RATINGS (Scale 0-4)

HEALTH: 3

FLAMMABILITY: 1

REACTIVITY: 1

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SECTION 6. SPILL OR LEAK PROCEDURES
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PC090

IN CASE OF SPILL:

Shovel spilled material into suitable container
Do not contaminate soil, groundwater, or surface water.

DISPOSAL METHOD:

Incinerate. Follow all federal, state, and local regulations.

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SECTION 7. HEALTH HAZARD DATA
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PC090

TOXICITY:

No information available.

ROUTES AND EFFECTS OF EXPOSURE:

EYES: Causes severe chemical burns.

SKIN: Causes severe chemical burns.

INHALATION: Harmful. Avoid contact.

INGESTION: Corrosive-causes tissue destruction.

FIRST AID PROCEDURES:

EYES: Flush with clean water for at least 15 minutes and consult physician

SKIN: Scrub with soap and water

SKIN: Remove contaminated clothing and shoes

INHALATION: Remove victim to fresh air

INHALATION: Give CPR or oxygen if necessary

INGESTION: Do not induce vomiting

INGESTION: Get medical attention

---If symptoms persist, get medical attention---

---Never give anything by mouth to an unconscious person---

CARCINOGEN STATUS: NTP?: No IARC MONOGRAPH?: No OSHA REGULATED?: No

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SECTION 8. SPECIAL PROTECTION INFORMATION
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PC090

VENTILATION:

Maintain adequate ventilation

RESPIRATORY PROTECTION:

In case of exposure, use appropriate NIOSH approved respiratory protection

PROTECTIVE CLOTHING:

Use impervious gloves

Use impervious clothing as necessary to protect against skin contact

EYE PROTECTION:

Use chemical goggles

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SECTION 9. PRECAUTIONS OR OTHER COMMENTS                PC090
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HANDLING AND STORAGE:

Store in a cool and dry place

Protect from moisture

Store away from acidic materials

Maintain tightly closed container

Provide adequate ventilation

Liberates small amounts of Trimethylamine during use.

Since empty containers retain product residue, follow hazard precautions even after container is emptied.

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NA = No applicable or relevant information available

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