

MATERIAL SAFETY DATA SHEET

RECORD NO.: P555

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SECTION 1. NAME AND PRODUCT

PC055

NAME: PC055

SYNONYMS: Dibutyltin dilaurate in Polydimethylsiloxane

CAS REG.NO.: NA

FORMULA: NA

SECTION 2. HAZARDOUS INGREDIENTS

PC055

COMPONENT

ACGIH TLV

OSHA PEL

COMPONENT		ACGIH TLV	OSHA PEL
Dibutyltin dilaurate [77-58-7]	(as tin)	0.1 mg/m3	0.1 mg/m3
Polydimethylsiloxane [63148-62-9]		NA	NA

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

PC055

APPEARANCE:

Clear, brown liquid. Ester-like odor.

B.PT.(deg.C/mm): NA

VAPOR PRESSURE(mm/deg.C): NA

M.PT.(deg.C): NA

VAPOR DENSITY(AIR=1): NA

% SOLUBLE IN WATER: Reacts

SPECIF.GRAVITY: 1.0556

% VOLATILE BY VOLUME: about 40

SECTION 4. FIRE AND EXPLOSION HAZARD

PC055

FLASH POINT: 47 C (117 F) TCC

FLAMMABLE LIMITS (STP IN AIR)

LOWER LIMITS: NA

UPPER LIMITS: NA

FIRE EXTINGUISHING MEDIA: 'Alcohol' foam, dry chemical, CO2.

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

SECTION 5. REACTIVITY DATA

PC055

STABILITY (UNDER NORMAL CONDITIONS): Stable

* The information provided here is based on published data for structurally analogous chemicals (not on bio-assay of this specific substance)

FIRST AID PROCEDURES:

EYES: Flush with clean water for at least 15 minutes and consult physician
!!!GET MEDICAL ATTENTION IMMEDIATELY!!!
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: Give one full cup of milk or water to dilute ingested material
!!!GET MEDICAL ATTENTION IMMEDIATELY!!!

---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 PC055
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VENTILATION:

Local exhaust required
Explosion-proof mechanical ventilation required

RESPIRATORY PROTECTION:

If exposure exceeds TLV, 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 and face shield

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SECTION 9. PRECAUTIONS OR OTHER COMMENTS PC055
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HANDLING AND STORAGE:

Store in a cool and dry place
Protect from moisture
Protect from heat, direct sunlight, and source of ignition
Maintain tightly closed container
Store away from alkaline, acidic, and oxidizing materials
Provide adequate ventilation

PROPER SHIPPING NAME: Flammable liquids, poisonous, n.o.s.

TECHNICAL NAME: (Dibutyltin dilaurate)

HAZARD CLASS: 8 ID NO.: UN1992 PACKING GROUP: II ERG: 28

HAZARD LABEL(S): Flammable liquid, poison.

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

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Prepared by UCT Environmental & Safety Department
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