1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Supplied By: DC Products Pty Limited
Unit 117 45 Gilby Road
Mount Waverley 3149
Tel No. 03 9558 8898

Revised: 08/24/2012
Prepared by: CHEMTREC
CHEMTREC 1-800-424-9300 1-888-
MSDS Contact: 443-9466
Contact Information: 4information@momentive.com

Chemical Family/Use: Catalyst

Formula: Catalyst

HMIS
Health: 2 Flammability: 1 Reactivity: 0

NFPA
Health: 2 Flammability: 1 Reactivity: 0

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

WARNING! Causes skin and eye irritation. Harmful: danger of serious damage to health by prolonged exposure if swallowed.

Form: Liquid Form: Colorless Odor: Faint

POTENTIAL HEALTH EFFECTS

INGESTION

Affects: - mouth, throat, esophagus and stomach Causes the following effects: - discomfort or pain in the mouth, throat, chest and abdomen

SKIN

Causes the following effects: - discomfort or pain - swelling

INHALATION

Vapors given off by heated product may be harmful. May cause irritation to the respiratory system.

EYES

Causes the following effects: - discomfort or pain - excess blinking - tear production - marked excess redness of the conjunctivae - swelling of the conjunctivae
RTV11
Tin Catalyst (DBT)

MEDICAL CONDITIONS AGGRAVATED
Central nervous system disorders.

SUBCHRONIC (TARGET ORGAN)
Central nervous system.

CHRONIC EFFECTS / CARCINOGENICITY
This product or one of its ingredients present at 0.1% or more is NOT listed as a carcinogen or suspected carcinogen by NTP, IARC, or OSHA.

ROUTES OF EXPOSURE
Dermal; Oral; Eye

3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>PRODUCT COMPOSITION</th>
<th>CAS-No.</th>
<th>WGT. %</th>
</tr>
</thead>
<tbody>
<tr>
<td>A. HAZARDOUS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dibutyltin Dilaurate</td>
<td>77-58-7</td>
<td>60 - 100 %</td>
</tr>
<tr>
<td>B. NON-HAZARDOUS</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

4. FIRST AID MEASURES

SKIN
Wash area with soap and water. Wash contaminated clothing before reuse.

INHALATION
Move to fresh air. Get medical attention if symptoms persist.

5. FIRE-FIGHTING MEASURES

FLASH POINT:
/- 191 °C; 376 °F

METHOD
other methods
IGNITION TEMPERATURE:  > 300 °C; 572 °F
FLAMMABLE LIMITS LEL:  3.30 %(V).
FLAMMABLE LIMITS UEL:  19.00 %(V).

SENSITIVITY TO MECHANICAL IMPACT:  No

SENSITIVITY TO STATIC DISCHARGE
Sensitivity to static discharge is not expected., Do not taste or swallow., Wash thoroughly after handling.

EXTINGUISHING MEDIA
All standard extinguishing agents are suitable.

SPECIAL FIRE FIGHTING PROCEDURES
Firefighters must wear NIOSH/MSHA approved positive pressure self-contained breathing apparatus with full face mask and full protective clothing.

6. ACCIDENTAL RELEASE MEASURES

ACTION TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED
Wipe, scrape or soak up in an inert material and put in a container for disposal. Warn other workers of spill. Wash walking surfaces with detergent and water to reduce slipping hazard. Wear proper protective equipment as specified in the protective equipment section. Avoid runoff to natural waters a component is known to be toxic to marine life.

7. HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE
Use only in well-ventilated areas. Avoid contact with skin and eyes. Avoid inhalation of vapors and spray mists. Keep container closed. Wash hands before eating, drinking, or smoking. Keep out of reach of children.

STORAGE
Store in tightly closed original container in a dry and cool place.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS
Eye wash facilities and emergency shower must be available when handling this product.
RTV11
Tin Catalyst (DBT)

RESPIRATORY PROTECTION
None known.

OTHER PROTECTIVE EQUIPMENT
None known.

Exposure Guidelines

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS-No.</th>
<th>Source</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dibutyltin Dilaurate</td>
<td>77-58-7</td>
<td>ACGIH, TWA</td>
<td>0.1 mg/m³</td>
</tr>
<tr>
<td>Dibutyltin Dilaurate</td>
<td>77-58-7</td>
<td>ACGIH, STEL</td>
<td>0.2 mg/m³</td>
</tr>
<tr>
<td>Dibutyltin Dilaurate</td>
<td>77-58-7</td>
<td>ACGIH, SKIN_DES</td>
<td>Can be absorbed through the skin.</td>
</tr>
<tr>
<td>Dibutyltin Dilaurate</td>
<td>77-58-7</td>
<td>OSHA Z1, PEL</td>
<td>0.1 mg/m³</td>
</tr>
<tr>
<td>Dibutyltin Dilaurate</td>
<td>77-58-7</td>
<td>ACGIH, TWA</td>
<td>2 mg/m³</td>
</tr>
<tr>
<td>Dibutyltin Dilaurate</td>
<td>77-58-7</td>
<td>OSHA Z1, PEL</td>
<td>2 mg/m³</td>
</tr>
</tbody>
</table>

Absence of values indicates none found.

PEL - OSHA Permissible Exposure Limit; TLV - ACGIH Threshold Limit Value; TWA - Time Weighted Average; INTL REL - Internal Recommended Exposure Limit


9. PHYSICAL AND CHEMICAL PROPERTIES

- BOILING POINT (°C): 205 °C; 401 °F
- VAPOR PRESSURE (20 C) (MM HG): Negligible
- VAPOR DENSITY (Air=1): No data available.
- FREEZING POINT: Not applicable
- PHYSICAL STATE: Liquid
- ODOR: Faint
- Color: Colorless
- EVAPORATION RATE (BUTYL ACETATE=1): 1.28
- SPECIFIC GRAVITY: ca. 1.280 g/cm³
- ACID / ALKALINITY (MEQ/G): No data available.
- DENSITY: Not applicable
- pH: Slightly Soluble
- SOLUBILITY IN WATER (20 C): No data available.
- SOLUBILITY IN ORGANIC SOLVENT (STATE SOLVENT): 27 g/l
- VOC EXCL. H2O & EXEMPTS (G/L):
10. STABILITY AND REACTIVITY

STABILITY
Stable

HAZARDOUS POLYMERIZATION.
Hazardous polymerisation does not occur.

HAZARDOUS THERMAL DECOMPOSITION / COMBUSTION PRODUCTS
Carbon dioxide; Carbon Monoxide.; Formaldehyde.; Tin fumes.

INCOMPATIBLE MATERIALS
None known.

CONDITIONS TO AVOID
None known.

11. TOXICOLOGICAL INFORMATION

ACUTE ORAL
Remarks: Not applicable

ACUTE DERMAL
Remarks: Not applicable

ACUTE INHALATION
Remarks: Not applicable

OTHER
Contains dibutyl tin dilaurate which may cause birth defects and reproductive effects based on animal data. In animal studies with repeated oral application of dibutyl tin compounds toxic effects were observed on the liver, bile duct, brain and immune system.

SENSITIZATION
No data available.

SKIN IRRITATION.
Species: Rabbit; Irritant.

EYE IRRITATION
Species: Rabbit; Result: Irritating to eyes.

MUTAGENICITY
No data available.
RTV11
Tin Catalyst (DBT)

OTHER EFFECTS OF OVEREXPOSURE
None known.

12. ECOLOGICAL INFORMATION

ECOTOXICITY
No data available.

DISTRIBUTION
No data available.

CHEMICAL FATE
No data available.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHODS
Disposal should be made in accordance with federal, state and local regulations.

14. TRANSPORT INFORMATION

DOT SHIPPING NAME: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (DIBUTYLTIN DILAURATE)
DOT HAZARD CLASS: 99
DOT LABEL (S): UN3082
UN/NA NUMBER: III
PACKING GROUP: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (DIBUTYLTIN DILAURATE)
IMDG SHIPPING NAME: 99
IMDG-Labels: III
UN NUMBER: F-A; S-F
PACKING GROUP: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (DIBUTYLTIN DILAURATE)
IATA: 9
ICAO-Labels: UN3082
PACKING GROUP: III
Further Information: This substance/preparation meets the criteria of a Marine Pollutant (see IMDG paragraph 2.9.3.3) but is not identified in the IMDG Code (Marpol list). As such, substance/preparation shall be transported as a marine pollutant in accordance with the IMDG code.

15. REGULATORY INFORMATION

Inventories

<table>
<thead>
<tr>
<th>Inventory</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Australia Inventory of Chemical Substances (AICS)</td>
<td>y (positive listing)</td>
</tr>
<tr>
<td>Canada DSL Inventory</td>
<td>y (positive listing) y (positive listing)</td>
</tr>
<tr>
<td>EU list of existing chemical substances</td>
<td>y (positive listing)</td>
</tr>
<tr>
<td>Japan Inventory of Existing &amp; New Chemical Substances (ENCS)</td>
<td>y (positive listing)</td>
</tr>
<tr>
<td>China Inventory of Existing Chemical Substances</td>
<td>y (positive listing)</td>
</tr>
<tr>
<td>Korea Existing Chemicals</td>
<td>y (positive listing)</td>
</tr>
<tr>
<td>Philippines Inventory of Chemicals and Chemical Substances (PICCS)</td>
<td>y (positive listing)</td>
</tr>
<tr>
<td>TSCA list</td>
<td>y (positive listing) y (positive listing)</td>
</tr>
<tr>
<td>New Zealand Inventory of Chemicals</td>
<td>y (positive listing)</td>
</tr>
<tr>
<td>Japan Industrial Safety &amp; Health Law (ISHL) Listing</td>
<td>y (positive listing)</td>
</tr>
</tbody>
</table>

For inventories that are marked as quantity restricted or special cases, please contact Momentive.

US Regulatory Information

SARA (311,312) HAZARD CLASS
Acute Health Hazard

CALIFORNIA PROPOSITION 65
This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

Canadian Regulatory Information

WHMIS CLASSIFICATION
D1B - Toxic Material Causing Immediate and Serious Toxic Effects
D2B - Toxic Material Causing Other Toxic Effects
16. OTHER INFORMATION

OTHER

C = ceiling limit  NEGL = negligible
EST = estimated  NF = none found
NA = not applicable  UNKN = unknown
NE = none established  REC = recommended
ND = none determined  V = recommended by vendor
SKN = skin  TS = trade secret
R = recommended  MST = mist
NT = not tested  STEL = short term exposure limit
ppm = parts per million  ppb = parts per billion

By-product= reaction by-product, TSCA inventory status not required under 40 CFR part 720.30(h-2). These data are offered in good faith as typical values and not as product specifications. No warranty, either expressed or implied, is made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.