SAFETY DATA SHEET

Issuing Date 24-Apr-2014  Revision Date 28-Dec-2017  Revision Number 1

Section 1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier
Product Name RT50, RT100, RT500, RT1000, RT5000, RT12500, RT30000, RT60000, RT100000, ATS-100, ATS-500, ATS-1000, ATS-12500

1.2. Relevant identified uses of the substance or mixture and uses advised against
Recommended Use Viscometer and/or density measurement equipment calibration and performance verification reference standard
Uses advised against No information available

1.3. Details of the supplier of the safety data sheet
Supplier Cannon Instrument Company
2139 High Tech Rd.
State College, PA 16803-1733
TEL: (814) 353-8000; (800) 676-6232
For further information, please contact
E-mail Address No information available

1.4. Emergency telephone number
Emergency Telephone
Number (800) 255-3924 Domestic CHEM-TEL Inc.
+1 (813) 248-0585 Overseas CHEM-TEL Inc. (Please Call Collect)
Europe 112

Section 2. Hazards identification

2.1. - Classification of the substance or mixture
REGULATION (EC) No 1272/2008
Not classified

Physical Hazards
None

2.2. Label Elements
Not classified

2.3. Other information
May be irritating to eyes, respiratory system and skin.

Section 3. Composition/information on ingredients

3.1. Substances
3.2. Mixtures

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>EC-No</th>
<th>CAS-No</th>
<th>Weight %</th>
<th>EU - GHS Substance Classification</th>
<th>REACH No.</th>
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</thead>
<tbody>
<tr>
<td>Poly(dimethylsiloxane)</td>
<td>-</td>
<td>63148-62-9</td>
<td>100</td>
<td>No data available</td>
<td></td>
</tr>
</tbody>
</table>
Section 4. First aid measures

4.1. Description of first-aid measures

**Eye Contact**
Rinse thoroughly with plenty of water, also under the eyelids. Get medical attention if irritation persists.

**Skin Contact**
Wash off with warm water and soap. Get medical attention if symptoms occur.

**Ingestion**
Do NOT induce vomiting. Drink plenty of water. Never give anything by mouth to an unconscious person. Get medical attention.

**Inhalation**
IF INHALED: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. Get medical attention.

**Protection of First-aiders**
Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

4.2. Most important symptoms and effects, both acute and delayed

**Most Important Symptoms/Effects**
Irritation.

4.3. Indication of immediate medical attention and special treatment needed

**Notes to Physician**
Treat symptomatically.

Section 5. Fire-fighting measures

5.1. Extinguishing media

**Suitable Extinguishing Media**
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Extinguishing media which must not be used for safety reasons**
No information available.

5.2. Special hazards arising from the substance or mixture

**Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases**
None in particular.

5.3. Advice for firefighters

**Special protective equipment for fire-fighters**
As in any fire, wear self-contained breathing apparatus and full protective gear.
Section 6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures
Avoid contact with skin, eyes and clothing. Refer to Section 8 for personal protective equipment.

6.2. Environmental precautions
Prevent further leakage or spillage if safe to do so.

6.3. Methods and materials for containment and cleaning up
Prevent further leakage or spillage if safe to do so.

Dam up. Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local/national regulations (see Section 13). Clean contaminated surface thoroughly.

6.4. Reference to other sections
See Section 12 for additional information.

Section 7. Handling and storage

7.1. Precautions for Safe Handling
Handling
Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes and clothing. Remove and wash contaminated clothing before re-use. Wear personal protective equipment.

Hygiene Measures
Handle in accordance with good industrial hygiene and safety practice.

7.2. Conditions for safe storage, including any incompatibilities
Keep containers tightly closed in a dry, cool and well-ventilated place.

7.3. Specific end use(s)
Exposure Scenario
No information available.

Other Guidelines
No information available.

Section 8. Exposure controls/personal protection

8.1. Control parameters
Exposure Limits
This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Biological occupational exposure limits
This product, as supplied, does not contain any hazardous materials with biological limits established by the region specific regulatory bodies

Derived No Effect Level
No information available.

Predicted No Effect Concentration
(\textit{PNEC})
No information available.

8.2. Exposure controls

Engineering Measures
Ensure adequate ventilation, especially in confined areas.

Personal protective equipment

Eye Protection
Personal protection equipment should be chosen according to the CEN standards
Safety glasses with side-shields.
Skin and Body Protection
- Long sleeved clothing.
Hand Protection
- Protective gloves.
Respiratory Protection
- When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

Environmental Exposure Controls
- No information available.

Section 9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Physical State</th>
<th>Liquid</th>
<th>Appearance</th>
<th>Colorless</th>
</tr>
</thead>
<tbody>
<tr>
<td>Odor</td>
<td>Odorless</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
<th>Remarks/ - Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>pH</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Melting Point/Range</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Boiling Point/Boiling Range</td>
<td>&gt;65 °C</td>
<td>None known</td>
</tr>
<tr>
<td>Flash Point</td>
<td>&gt; 101 °C</td>
<td>Closed cup</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Flammability Limits in Air</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>No data available.</td>
<td>None known</td>
</tr>
<tr>
<td>Vapor Density</td>
<td>No data available.</td>
<td>None known</td>
</tr>
<tr>
<td>Relative Density</td>
<td>No data available 0.97-0.98</td>
<td>None known</td>
</tr>
<tr>
<td>Water Solubility</td>
<td>Insoluble in water.</td>
<td>None known</td>
</tr>
<tr>
<td>Solubility in other solvents</td>
<td>Soluble in solvents.</td>
<td>None known</td>
</tr>
<tr>
<td>Partition coefficient: n-octanol/water</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Autoignition Temperature</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Decomposition Temperature</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Viscosity</td>
<td>50-100000 cSt @ 25°C</td>
<td>None known</td>
</tr>
</tbody>
</table>

Explosive Properties
- No information available
Oxidizing Properties
- No information available

9.2. Other information
- VOC Content (%)
- No information available

Section 10. Stability and reactivity

10.1. Reactivity
- Not reactive under normal conditions

10.2. Chemical stability
- Stable under normal conditions.

10.3. Possibility of hazardous reactions

10.4. Conditions to avoid
- Keep away from open flames, hot surfaces and sources of ignition.

10.5. Incompatible materials
- Strong oxidizing agents.

10.6. Hazardous decomposition products
- Carbon oxides. Silicon dioxide. Formaldehyde.

Section 11. Toxicological information

11.1. Information on toxicological effects
Acute Toxicity

Product Information

Inhalation  Inhalation of mist may cause irritation to the respiratory system.
Eye Contact  Contact with eyes may cause irritation.
Skin Contact  No known hazard in contact with skin. Repeated or prolonged contact may cause localized dermal effects including contact dermatitis, dry skin, or rash.
Ingestion  Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>LD&lt;sub&gt;50&lt;/sub&gt; Oral</th>
<th>LD&lt;sub&gt;50&lt;/sub&gt; Dermal</th>
<th>LC&lt;sub&gt;50&lt;/sub&gt; Inhalation</th>
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</thead>
<tbody>
<tr>
<td>Poly(dimethylsiloxane)</td>
<td>&gt; 24 g/kg (Rat) &gt; 17 g/kg (Rat)</td>
<td>&gt; 2 g/kg (Rabbit)</td>
<td></td>
</tr>
</tbody>
</table>

Respiratory or Skin Sensitization  No information available
Mutagenic Effects  No information available
Carcinogenic Effects  No information available
Reproductive Toxicity  No information available
Developmental Toxicity  No information available
STOT - single exposure  No information available
STOT - repeated exposure  No information available
Aspiration Hazard  No information available.

Section 12. Ecological information

12.1. Toxicity

Ecotoxicity Effects
Contains no substances known to be hazardous to the environment at concentrations that would be significant.

12.2. Persistence and degradability
No information available

12.3. Bioaccumulative potential
No information available.

12.4. Mobility in soil
No information available.

12.5. Results of PBT and vPvB assessment
No information available

12.6. Other adverse effects
This product does not contain any known or suspected endocrine disruptors.

Section 13. Disposal considerations

13.1. Waste treatment methods

Waste from Residues / Unused Products  Dispose of in accordance with local regulations.
Contaminated Packaging

Empty containers should be taken to an approved waste handling site for recycling or disposal.

Section 14. Transport information

Note:
The information provided below may not apply to all shipping situations. Consult appropriate Dangerous Goods Regulations for additional requirements and mode-specific, material-specific, or quantity-specific shipping requirements.

IMDG/IMO
14.1. UN-Number
Not regulated.
14.2. Proper Shipping Name
Not regulated.
14.3. Hazard Class
Not regulated.
14.4. Packing Group
Not regulated.
   Description
Not applicable.
14.5. Marine Pollutant
None
None
14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
No information available.

RID
14.1. UN-Number
Not regulated.
14.2. Proper Shipping Name
Not regulated.
14.3. Hazard Class
Not regulated.
14.4. Packing Group
Not regulated.
   Description
Not applicable.
14.5. Environmental hazard
None
None

ADR
14.1. UN-Number
Not regulated.
14.2. Proper Shipping Name
Not regulated.
14.3. Hazard Class
Not regulated.
14.4. Packing Group
Not regulated.
   Description
Not applicable.
14.5. Environmental hazard
None
None

ICAO
14.1. UN-Number
Not regulated.
14.2. Proper shipping name
Not regulated.
14.3. Hazard Class
Not regulated.
14.4. Packing Group
Not regulated.
   Description
Not applicable.
14.5. Environmental hazard
None
None

IATA
14.1. UN-Number
Not regulated.
14.2. Proper Shipping Name
Not regulated.
14.3. Hazard Class
Not regulated.
14.4. Packing Group
Not regulated.
   Description
Not applicable.
14.5. Environmental hazard
None
None

Section 15. Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

International Inventories
Contact supplier for inventory compliance status

<table>
<thead>
<tr>
<th>Agency</th>
<th>Compliance</th>
</tr>
</thead>
<tbody>
<tr>
<td>TSCA</td>
<td>Complies</td>
</tr>
<tr>
<td>European Union</td>
<td>Complies</td>
</tr>
<tr>
<td>DSL/NDSL</td>
<td>Complies</td>
</tr>
<tr>
<td>PICCS</td>
<td>Complies</td>
</tr>
<tr>
<td>ENCS</td>
<td>Complies</td>
</tr>
<tr>
<td>IECSC</td>
<td>Complies</td>
</tr>
<tr>
<td>AICS</td>
<td>Complies</td>
</tr>
<tr>
<td>KECL</td>
<td>Complies</td>
</tr>
</tbody>
</table>

PICCS - Philippines Inventory of Chemicals and Chemical Substances
ENCS - Japan Existing and New Chemical Substances
IECSC - China Inventory of Existing Chemical Substances
AICS - Australian Inventory of Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances

15.2. Chemical Safety Assessment
No information available

Section 16. Other information

Key literature references and sources for data
www.ChemADVISOR.com/

Issuing Date 24-Apr-2014
Revision Date 28-Dec-2017
Revision Note Update to Format.


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End of Safety Data Sheet