



**ACU-flow™**  
**Hydrophilic Impression Material**  
**With Advanced Formula Technology**

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**MSDS – Material Safety Data Sheet**

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**SECTION 1 - PRODUCT IDENTIFICATION & INFORMATION**

**MATERIAL NAME:** ACU-flow™ Hydrophilic Impression Material  
**COMPANY:** Rainbow Specialty & Health Products Inc.  
3400 – 14th Ave. Unit 22  
Markham, Ontario Canada L3R 0H7  
**TELEPHONE:** For Emergencies or Product Information  
Call: 1-800-268-3384 or 905-947-0124  
**FOR PROFESSIONAL DENTAL USE ONLY**

**SECTION 2 - INGREDIENTS AND HAZARDS**

**CHEMICAL COMPOSITION:** A mixture of polymethyl siloxane, polydimethyl polymethyl hydrogen siloxane, silica and paraffine  
**CHEMICAL FAMILY:** Silicone  
**HAZARD DATE:** No known Hazards

**SECTION 3 - PHYSICAL DATA**

**BOILING POINT:** N.E.  
**VAPOR PRESSURE:** N.E.  
**VAPOR DENSITY:** N.E.  
**SOLUBILITY IN WATER:** Insoluble  
**PERCENT VOLATILE:** 2%  
**EVAPORATION RATE:** N/A

**SECTION 4 - FIRE AND EXPLOSION DATA**

**FLASH POINT:** 485°F(252°C) closed cup – DIN 51755  
**EXTINGUISHING MEDIA:** Sand, Foam, Co<sub>2</sub>,  
Dry Chemical

Firefighters should wear full protective clothing including a self-contained breathing apparatus. During a fire, irritating and/or toxic gases and aerosols may be present from the decomposition/combustion products.

**SECTION 5 - REACTIVITY DATA**

**STABILITY:** Stable  
**CONDITIONS TO AVOID:** N.E.  
**INCOMPATIBILITY:** N.E.  
**HAZARDOUS DECOMPOSITION:** N.E.  
**HAZARDOUS POLYMERIZATION:** None

**SECTION 6 - HEALTH HAZARD INFORMATION**

**TLV (SEE SCT. 2)**  
**THRESHOLD LIMIT VALUE:** N/A  
**EFFECTS OF OVER EXPOSURE:** N.E.  
**EYE CONTACT:** Flush eyes with large amounts of water, consult a physician.  
**SKIN CONTACT:** Wash thoroughly with soap and water  
**INGESTION:** Consult a physician immediately.

**SECTION 7 - SPILL OR LEAK PROCEDURES**

**STEPS TO BE TAKEN IN CASE OF SPILL:** Cover with an absorbent material such as sand or sawdust, scoop up and place in appropriately marked container.  
**WASTE DISPOSAL METHOD:** Waste material may be incinerated under conditions according to Federal and Provincial and Local environment control regulations.

**SECTION 8 - SPECIAL PROTECTION INFORMATION**

**RESPIRATORY PROTECTION:** None required  
**PROTECTIVE GLOVES:** Rubber, PVS, Nitrile  
**EYE PROTECTION:** Protective goggles  
**OTHER:** Rubber apron

NE: NONE ENCOUNTERED  
N/A: NOT APPLICABLE

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**DISCLAIMER:** The information and recommendations are believed to be accurate. Rainbow Specialty Inc. does not make any warranty as to the accuracy or suitability of the information or recommendations contained herein and therefore assumes no liability to the user.

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