

***** SECTION 1 - Product and Company Identification *****

Supplier: Axalta Coating Systems Canada Company
408 Fairall Street
Ajax, ON, L1S 1R6

Manufacturer: Axalta Coating Systems, LLC
1007 Market Street, D-13111
Wilmington, DE, 19898

Telephone: Product Information: (800) 387-2122
Medical Emergency (24 hours): (855) 274-5698
Transportation Emergency (24 hours): (613) 996-6666(CANUTEC)

PRODUCT IDENTIFIER: Roller Additive for Imron® Industrial Strength

PRODUCT CODE: 9M05 110617

Product Use:
PAINT ADDITIVE

Prepared by: Regulatory Affairs

Chemical Family: Not Available

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Axalta Coating Systems products.

***** SECTION 2 - Composition, Information on Ingredients *****

| CAS # | Ingredient | (%) | Exposure Limits** |
|-----------|--------------------------|--------|--|
| 9016-00-6 | SILICONE RESIN | 1- 5 | A None O None |
| 1330-20-7 | XYLENE | 3- 7 | A 150.0 ppm 15 min STEL A 100.0 ppm O 100.0 ppm D 100.0 ppm 8 & 12 hour TWA |
| 98-56-6 | 4-CHLOROBENZOTRIFLUORIDE | 60-100 | D 20.0 ppm 8 & 12 hour TWA A None O None |

** A = ACGIH, O = OSHA, D = Dupont, TWAEV = Ontario, S = Supplier
D=Dupont Results obtained from E.I. duPont de Nemours and Company
(For additional definition of terms, see section 16)

***** SECTION 2 - Composition, Information on Ingredients *****
Cont'd

Limits are 8-hour TWA unless otherwise specified.

***** SECTION 3 - Hazards Information *****

Emergency Overview:

WARNING! FLAMMABLE LIQUID AND VAPOR. VAPORS AND SPRAY MIST HARMFUL IF INHALED. MAY CAUSE CENTRAL NERVOUS SYSTEM EFFECTS SUCH AS DIZZINESS, HEADACHE, OR NAUSEA. MAY CAUSE NOSE, THROAT, EYE AND SKIN IRRITATION. CAN BE ABSORBED THROUGH THE SKIN.

Potential Health Effects:

Inhalation:

May cause nose and throat irritation. May cause nervous system depression characterized by the following progressive steps: headache, dizziness, nausea, staggering gait, confusion, unconsciousness. Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage.

Ingestion:

May result in gastrointestinal distress.

Skin or eye contact:

May cause irritation or burning of the eyes. Repeated or prolonged liquid contact may cause skin irritation with discomfort and dermatitis.

Other Potential Health Effects in addition to those listed above:

XYLENE

Increased susceptibility to the effects of this material may be observed in people with preexisting disease of any of the following: bone marrow cardiovascular system central nervous system kidneys liver lungs

Recurrent overexposure may result in liver and kidney injury.

High exposures may produce irregular heart beats.

Canada classifies Xylene as a developmental toxin as high exposures to xylenes in some animal studies have been reported to cause health effects on the developing fetus/embryo. These effects were often at levels toxic to the adult animal. The significance of these effects to humans is not known.

Repeated or prolonged skin contact may cause: irritation dryness cracking of the skin

4-CHLOROBENZOTRIFLUORIDE

Increased susceptibility to the effects of this material may be observed in people with preexisting disease of any of the following: skin

Prolonged or repeated exposure may cause damage to any of the following organs/systems: kidneys liver thyroid

Potential skin sensitizer that may cause allergic reactions and contact dermatitis resulting in severe irritation, dryness, and

***** SECTION 3 - Hazards Information *****
Cont'd

cracking of the skin.

Ingestion may cause any of the following: gastrointestinal irritation

Eye contact may cause: permanent eye injury

Inhalation may cause: Causes stupor (central nervous system depression). respiratory tract irritation

***** SECTION 4 - First Aid Measures *****

First Aid Procedures:

Inhalation:

If affected by inhalation of vapor or spray mist, move to fresh air.

If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing difficulty persists, or occurs later, consult a physician.

Ingestion:

In the unlikely event of ingestion, DO NOT induce vomiting. Call a physician immediately and have names of ingredients available.

Skin or eye:

In case of contact, immediately flush with plenty of water for at least 15 minutes; call a physician. In case of skin contact, wash thoroughly with soap and water. If irritation occurs, contact a physician.

***** SECTION 5 - Firefighting Measures *****

| | | |
|---------------------------|------------------------|------------|
| Flash Point (Method) | Between 24 to 38 deg C | Closed Cup |
| Approx. flammable limits | LFL 0.9 % UFL 10.5 % | |
| Auto ignition temperature | 500.0 | Deg C |

Hazardous Combustion Products:

CO, CO₂, smoke, and oxides of any heavy metals that are reported in "Composition, Information on Ingredients" section.

Extinguishing media:

Universal aqueous film-forming foam, carbon dioxide, dry chemical.

Special fire fighting procedures:

Full protective equipment, including self-contained breathing apparatus, is recommended. Water from fog nozzles may be used to prevent pressure build-up.

Fire & explosion hazards:

Flammable liquid. Vapor/air mixture will burn when an ignition source is present.

***** SECTION 6 - Accidental Release Measures *****

Procedures for cleaning up spills or leaks:

Ventilate area. Remove sources of ignition. Prevent skin and eye contact and breathing of vapor.

Wear a properly fitted air-purifying respirator with organic vapor cartridges (NIOSH approved TC-23C), eye protection, gloves and

***** SECTION 6 - Accidental Release Measures *****
Cont'd

protective clothing. Confine, remove with inert absorbent, and dispose of properly.

***** SECTION 7 - Handling and Storage *****

Precautions to be taken in handling and storing:

Observe label precautions. Keep away from heat, sparks, flame, static discharge and other sources of ignition. VAPORS MAY CAUSE FLASH FIRE.

Close container after each use. Ground containers when pouring. Do not transfer contents to bottles or unlabeled containers. Wash thoroughly after handling and before eating or smoking. Do not store above 120 deg F.

OSHA/NFPA Storage Classification: IC

Other precautions:

If material is a coating: do not sand, flame cut, braze or weld dry coating without a NIOSH approved air purifying respirator with particulate filters or appropriate ventilation , and gloves.

***** SECTION 8 - Exposure Controls or Personal Protection *****

Engineering controls and work practices:

Ventilation:

Provide sufficient ventilation in volume and pattern to keep contaminants below applicable exposure limits.

Personal Protective Equipment:

Recommended PPE:

Respiratory:

Do not breathe vapors or mists. Wear a properly fitted air-purifying respirator with organic vapor cartridges (NIOSH approved TC-23C) and particulate filter (NIOSH TC-84A) during application and until all vapors and spray mists are exhausted. In confined spaces, or in situations where continuous spray operations are typical, or if proper air-purifying respirator fit is not possible, wear a positive pressure, supplied-air respirator (NIOSH TC-19C). In all cases, follow respirator manufacturer s directions for respirator use. Do not permit anyone without protection in the painting area.

Protective clothing:

Neoprene gloves and coveralls are recommended.

Eye protection:

Desirable in all industrial situations. Goggles are preferred to prevent eye irritation. If safety glasses are substituted, include splash guard or side shields.

***** SECTION 9 - Physical and Chemical Properties *****

Evaporation Rate

Slower than Ether

Vapor Pressure of principal solvent

7.60 mmHg @ 25 Deg C

Solubility of solvent in water

NIL

***** SECTION 9 - Physical and Chemical Properties *****
Cont'd

| | |
|------------------------------------|----------------------------|
| Vapour density (principal solvent) | 6.24 |
| Approx. Boiling range (deg C) | 138 - 141 DEG (C) |
| Approx. Freezing range (deg C) | -36 DEG (C) |
| Gallon weight (lbs/US gal) | 10.85 |
| Specific gravity | 1.30 |
| Percent volatile by volume | 98.23 |
| Percent volatile by weight | 98.50 |
| Percent solids by volume | 1.77 |
| Percent solids by weight | 1.50 |
| Odour | Characteristic Paint Odour |
| Appearance | semi-viscous liquid |
| Physical state | Liquid |
| pH (waterborne systems only) | Not Applicable |
| VOC* less exempt (g/l) | 684.2 |
| VOC* as packaged (g/l) | 58.5 |

* VOC less exempt (theoretical) and VOC as packaged (theoretical) are based upon the VOC of the packaged material at the point of manufacture.

***** SECTION 10 - Stability and Reactivity *****

Stability:

Stable

Incompatibility (materials to avoid):

None reasonably foreseeable

Hazardous decomposition products:

CO, CO₂, smoke, and oxides of any heavy metals that are reported in "Composition, Information on Ingredients" section.

Hazardous polymerization:

Will not occur.

Sensitivity to static discharge:

Solvent vapors in air may explode if static grounding and bonding is not used during transfer of this product.

Sensitivity to mechanical impact: None Known

***** SECTION 11 - Toxicological Information *****

XYLENE

| | | | |
|-----------------|------------|---------|-------|
| Oral LD50 | 4300 mg/kg | Rat | RTECS |
| Dermal LD50 | 1700 mg/kg | Rabbit | RTECS |
| Inhalation LC50 | 5000 ppm | 4 h Rat | RTECS |

4-CHLOROBENZOTRIFLUORIDE

| | | | |
|-----------------|------------|----------|---------------|
| Oral LD50 | 6650 mg/kg | Rat | SUPPLIER MSDS |
| Dermal LD50 | 2700 mg/kg | Rabbit | SUPPLIER MSDS |
| Inhalation LC50 | 4479 ppm | 4 HR Rat | SUPPLIER MSDS |

***** SECTION 11 - Toxicological Information *****
Cont'd

For all other ingredients, no information is available.

Key:

RTECHS - Registry of Toxic Effects of Chemical Substances
CCOHS - Canadian Center for Occupational Health and Safety
Patty's - Patty's Industrial Hygiene and Toxicology, 3rd Edition

***** SECTION 12 - Ecological Information *****

XYLENE

| | | | |
|---------|--------|------------------|---------------|
| 22 mg/l | 4 days | Bluegill Sunfish | FISH |
| 21 mg/l | 4 days | Fathead Minnow | FISH |
| 10 mg/l | 1 days | Water flea | INVERTEBRATES |
| 10 mg/l | 1 days | Daphnia | INVERTEBRATES |
| 24 mg/l | 4 days | Goldfish | FISH |

4-CHLOROBENZOTRIFLUORIDE

| | | | |
|----------|---------|------------------|----------------|
| 12 mg/l | 4 days | Bluegill Sunfish | FISH |
| 14 mg/l | 4 days | Rainbow Trout | FISH |
| 1 mg/l | 31 days | Fathead Minnow | FISH |
| 4 mg/l | 2 days | Daphnia | AQUATIC PLANTS |
| 500 mg/l | 3 days | Green Algae | AQUATIC PLANTS |

***** SECTION 13 - Disposal Considerations *****

Provincial Waste Classification:

Check appropriate provincial and local waste disposal regulations for proper classifications.

Waste disposal method:

Do not allow material to contaminate ground water systems. Incinerate or otherwise dispose of waste material in accordance with Federal, State, Provincial, and local requirements. Use only approved waste management contractors. Do not incinerate in closed containers.

***** SECTION 14 - Transportation Information *****

TDG Shipping Name:

| | |
|------------------------|------|
| PAINT RELATED MATERIAL | |
| Hazard Class: | 3 |
| UN/NA# | 1263 |
| Packing Group: | III |

***** SECTION 15 - Regulatory Information *****

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains

***** SECTION 15 - Regulatory Information *****
Cont'd

all the information required by the Controlled Products Regulations.

TSCA Status:

In compliance with TSCA Inventory requirements for commercial purposes.

DSL Status:

All components of the mixture are listed on the DSL.

OCI:

All components of the mixture are listed with the Ontario Inventory.

WHMIS Classification:

| | | | | | |
|-------|---|----------|---|-------------|------|
| Class | B | Division | 2 | | |
| Class | D | Division | 2 | Subdivision | A 53 |
| Class | D | Division | 2 | Subdivision | B 60 |

WHMIS symbols:

Flame
Toxic "T"

Photochemical Reactivity: Non-photochemically reactive

Other Regulatory Information:

| CAS # | Ingredient | EPCRA | | | CERCLA | | |
|-----------|--------------------------|-------|--------|---------|--------|---------|-----|
| | | 302 | TPQ/RQ | 311/312 | 313 | RQ(lbs) | HAP |
| 9016-00-6 | SILICONE RESIN | N | NR | N | N | NR | N |
| 1330-20-7 | XYLENE | N | NR | A,C,F | Y | 100 | Y |
| 98-56-6 | 4-CHLOROBENZOTRIFLUORIDE | N | NR | C,F,P | N | NR | N |

Key:

EPCRA: Emergency Planning and Community Right-to-Know Act
(aka Title III, SARA)

302: Extremely hazardous substances

311/312 Categories: F = Fire Hazard A = Acute Hazard
R = Reactivity Hazard C = Chronic Hazard
P = Pressure Related Hazard

313 Information: Section 313 Supplier Notification - The chemicals listed above with a 'Y' in the 313 column are subject to reporting requirements of Section 313 of the Emergency Planning and Community Right-to-Know act of 1986 and of 40 CFR 372.

CERCLA: Comprehensive Emergency Response, Compensation and Liability Act of 1980.

HAP = Listed as a Clean Air Act Hazardous Air Pollutant

TPQ = Threshold planning quantity

RQ = Reportable quantity

NA = not available

NR = not regulated

***** SECTION 16 - Additional Information *****

***** SECTION 16 - Additional Information *****
Cont'd

HMIS Rating: H: 2 F: 3 R: 1

Glossary of Terms:

- ACGIH - American Conference of Governmental Industrial Hygienists
- IARC - International Agency for Research on Cancer
- NTP - National Toxicology Program
- OSHA - Occupational Safety and Health Administration
- STEL - Short term exposure limit
- TWA - Time-weighted average
- PNOR - Particles not otherwise regulated
- PNOC - Particles not otherwise classified

Notice from Axalta Coating Systems

The information on this Material Safety Data Sheet relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process.

Approved by:
Technical Manager