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

Product name: Aluminum Conversion Coating Step B
Product code: 226S Formula date: 2016-01-13
Intended use: Cleaning agent for professional use
Supplier: Axalta Coating Systems Canada Company
408 Fairall Street
CA Ajax, ON L1S 1R6
Manufacturer: Axalta Coating Systems, LLC
Applied Corporate Center
50 Applied Bank Boulevard, Suite 300
US Glen Mills, PA 19342
Telephone: Product information (800) 668-6945
Medical emergency (855) 274-5698
Transportation emergency (800) 424-9300 (CHEMTREC)

2. Hazards identification

This preparation is hazardous per the following GHS criteria

GHS-Classification

Skin corrosion/irritation: Category 1A
Serious eye damage/eye irritation: Category 1
Respiratory sensitisation: Category 1
Skin sensitisation: Category 1
Germ cell mutagenicity: Category 2
Carcinogenicity: Category 1B
Toxicity for reproduction: Category 2

Endpoints which are “not classified”, cannot be classified or are not applicable are not shown.

GHS-Labelling

Hazard symbols

Signal word: Danger

Hazard statements

Causes severe skin burns and eye damage.
May cause an allergic skin reaction.
Causes serious eye damage.
May cause allergy or asthma symptoms or breathing difficulties if inhaled.
Suspected of causing genetic defects.
May cause cancer.
Suspected of damaging fertility or the unborn child.

Precautionary statements

Obtain special instructions before use.
Do not breathe dust or mist.
Contaminated work clothing should not be allowed out of the workplace.
Wear protective gloves/protective clothing/eye protection/face protection.
Wear respiratory protection.
IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
IF INHALED: Remove person to fresh air and keep comfortable for breathing.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
IF exposed or concerned: Get medical advice/ attention.
Immediately call a POISON CENTER/doctor.
Specific treatment (see supplemental first aid instructions on this label).
If skin irritation or rash occurs: Get medical advice/ attention.
If experiencing respiratory symptoms: Call a POISON CENTER/doctor.
Store locked up.
Dispose of contents/container in accordance with local regulations.
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.

Other hazards which do not result in classification
Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

The following percentage of the mixture consists of ingredient(s) with unknown acute toxicity:
0%

3. Composition/information on ingredients
mixture of solvents

Components

<table>
<thead>
<tr>
<th>CAS-No.</th>
<th>Chemical name</th>
<th>Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>7738-94-5</td>
<td>Chromic acid</td>
<td>1.0%</td>
</tr>
</tbody>
</table>

Actual concentration ranges withheld as a trade secret.
Non-regulated ingredients 90 - 100%

4. First aid measures

Eye contact
Remove contact lenses. Irrigate copiously with clean, fresh water for at least 15 minutes, holding the eyelids apart. Seek medical advice.

Skin contact
Do NOT use solvents or thinners. Take off all contaminated clothing immediately. Wash skin thoroughly with soap and water or use recognized skin cleanser. If skin irritation persists, call a physician.

Inhalation
Avoid inhalation of vapour or mist. Move to fresh air in case of accidental inhalation of vapours. If breathing is irregular or stopped, administer artificial respiration. If unconscious place in recovery position and seek medical advice. If symptoms persist, call a physician.

Ingestion
If swallowed, seek medical advice immediately and show this safety data sheet (SDS) or product label. Do NOT induce vomiting. Keep at rest.

Most Important Symptoms/effects, acute and delayed

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.

**Indication of Immediate medical attention and special treatment needed if necessary**
No data available on the product. See section 3 and 11 for hazardous ingredients found in the product.

### 5. Firefighting measures

**Suitable extinguishing media**
Universal aqueous film-forming foam, Carbon dioxide (CO2), Dry chemical

**Extinguishing media which shall not be used for safety reasons**
High volume water jet

**Hazardous combustion products**
CO, CO2, smoke, and oxides of any heavy metals that are reported in “Composition, Information on Ingredients” section.

**Fire and Explosion Hazards**
No data available

**Special Protective Equipment and Fire Fighting Procedures**
Full protective flameproof clothing should be worn as appropriate. Wear self-contained breathing apparatus for firefighting if necessary. In the event of fire, cool tanks with water spray. Do not allow run-off from fire fighting to enter public sewer systems or public waterways.

### 6. Accidental release measures

**Procedures for cleaning up spills or leaks**
Ventilate area. If heated above the flashpoint, 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 protective clothing. Confine, remove with inert absorbent, and dispose of properly.

**Environmental precautions**
Do not let product enter drains. Notify the respective authorities in accordance with local law in the case of contamination of rivers, lakes or waste water systems.

### 7. Handling and storage

**Precautions for safe handling**
Observe label precautions. Close container after each use. If heated above its flash point, this must be handled as if it were a flammable liquid. Do not transfer contents to bottles or unlabeled containers. Wash thoroughly after handling and before eating or smoking. Do not freeze. 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. Combustible dust clouds may be created where operations produce fine material (dust). Avoid formation of significant deposits of material as they may become airborne and form combustible dust clouds. Build up of fine material should be cleaned using gentle sweeping or vacuuming in accordance with best practices. Cleaning methods (e.g. compressed air) which can generate potentially combustible dust clouds should not be used.
Advice on protection against fire and explosion
Solvent vapours are heavier than air and may spread along floors. Vapors may form explosive mixtures with air and will burn when an ignition source is present. Always keep in containers of same material as the original one. Never use pressure to empty container: container is not a pressure vessel. The accumulation of contaminated rags may result in spontaneous combustion. Good housekeeping standards and regular safe removal of waste materials will minimize the risks of spontaneous combustion and other fire hazards.

Storage

Requirements for storage areas and containers
Observe label precautions. Store in a dry, well ventilated place away from sources of heat, ignition and direct sunlight. No smoking. Prevent unauthorized access. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Advice on common storage
Store separately from oxidizing agents and strongly alkaline and strongly acidic materials.

8. Exposure controls/personal protection

Engineering controls and work practices
Provide adequate ventilation. This should be achieved by a good general extraction and -if practically feasible- by the use of a local exhaust ventilation. If these are not sufficient to maintain concentrations of particulates and solvent vapour below the OEL, suitable respiratory protection must be worn.

National occupational exposure limits
The product contains no substances classified as hazardous to health by an OEL value in concentrations which should be taken into account.

Protective equipment
Personal protective equipment should be worn to prevent contact with eyes, skin or clothing.

Respiratory protection
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.

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.

Skin and body protection
Neoprene gloves and coveralls are recommended.

Hygiene measures
Wash skin thoroughly with soap and water or use recognized skin cleanser. Do NOT use solvents or thinners.

Environmental exposure controls
Do not let product enter drains.

9. Physical and chemical properties

Appearance
Form: liquid  Colour: clear  Odour: Characteristic Paint Odor
### Flash point
Not applicable.

### Lower Explosive Limit
Not applicable.

### Upper Explosive Limit
Not applicable.

### Evaporation rate
Slower than Ether

### Vapor pressure of principal solvent
Not applicable.

### Solubility of Solvent In Water
appreciable

### Vapor density of principal solvent (Air = 1)
0

### Approx. Boiling Range
Not applicable.

### Approx. Freezing Range
Not applicable.

### Gallon Weight (lbs/gal)
8.37

### Specific Gravity
1.00

### Percent Volatile By Volume
99.24%

### Percent Volatile By Weight
99.00%

### Percent Solids By Volume
0.76%

### Percent Solids By Weight
1.00%

### pH (waterborne systems only)
No data available.

### Partition coefficient: n-octanol/water
No data available

### Ignition temperature
Not applicable. DIN 51794

### Decomposition temperature
Not applicable.

### Viscosity (23 °C)
Not applicable. ISO 2431-1993

#### Does not sustain combustion.

---

### 10. Stability and reactivity

#### Stability
Stable

**Conditions to avoid**
Stable under recommended storage and handling conditions (see section 7).

**Materials to avoid**
None reasonably foreseeable.

**Hazardous decomposition products**
When exposed to high temperatures may produce hazardous decomposition products such as carbon monoxide and dioxide, smoke, oxides of nitrogen.

**Hazardous Polymerization**
Will not occur.

**Sensitivity to Static Discharge**
If heated above the flash point, 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.

---

### 11. Toxicological information

Information on likely routes of exposure
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.

Delayed and immediate effects and also chronic effects from short and long term exposure:

Acute oral toxicity
not hazardous

Acute dermal toxicity
not hazardous

Acute inhalation toxicity
not hazardous

% of unknown composition: 0 %

Skin corrosion/irritation

Chromic acid Category 1A

Serious eye damage/eye irritation

Chromic acid Category 1

Respiratory sensitisation

Chromic acid Category 1

Skin sensitisation

Chromic acid Category 1

Germ cell mutagenicity

Chromic acid Category 2

Carcinogenicity

Chromic acid Category 1B

Toxicity for reproduction

Chromic acid Category 2

Target Organ Systemic Toxicant - Single exposure
not hazardous

Target Organ Systemic Toxicant - Repeated exposure
not hazardous
Aspiration toxicity
Not classified according to GHS criteria

Numerical measures of toxicity (acute toxicity estimation (ATE), etc.)
No information available.

Symptoms related to the physical, chemical and toxicological characteristics
No information available.

12. Ecological information
There are no data available on the product itself. The product should not be allowed to enter drains or watercourses.

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. Do not incinerate in closed containers.

14. Transport information
Not classified as dangerous in the meaning of transport regulations.

Matters needing attention for transportation
Confirm that there is no breakage, corrosion, or leakage from the container before shipping. Be sure to prevent damage to cargo by loading so as to avoid falling, dropping, or collapse. Ship in appropriate containers with denotation of the content in accordance with the relevant statutes and rules.

15. Regulatory information

TSCA Status
In compliance with TSCA Inventory requirements for commercial purposes.

DSL Status
All components of the mixture are listed on the DSL.

Photochemical Reactivity
Non-photochemically reactive

Regulatory information

<table>
<thead>
<tr>
<th>CAS #</th>
<th>Ingredient</th>
<th>EPCRA</th>
<th>CERCLA</th>
<th>CAA</th>
</tr>
</thead>
<tbody>
<tr>
<td>7738-94-5</td>
<td>Chromic acid</td>
<td>N</td>
<td>NR</td>
<td>N</td>
</tr>
</tbody>
</table>

Key:
EPCRA | Emergency Planning and Community Right-to-know Act (aka Title III, SARA)
SAFETY DATA SHEET
226S v14.1
en/CA

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

HAP Listed as a Clean Air Act Hazardous Air Pollutant.
TPQ Threshold Planning Quantity.
RQ Reportable Quantity
NA not available
NR not regulated

16. Other information

HMIS rating  H: 0  F: 1  R: 0

Glossary of Terms:

ACGIH American Conference of Governmental Industrial Hygienists.
IARC International Agency for Research on Cancer.
NTP National Toxicology Program.
OEL Occupational Exposure Limit
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.

NOTE: The list (above) of glossary terms may be modified.

Notice from Axalta Coating Systems:
The document reflects information provided to Axalta Coating Systems by its suppliers. Information is accurate to the best of our
knowledge and is subject to change as new data is received by Axalta Coating Systems. Persons receiving this information should
make their own determination as to its suitability for their purposes prior to use.
The information on this 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.

SDS prepared by: Axalta Coating Systems Regulatory Affairs

Report version

<table>
<thead>
<tr>
<th>Version</th>
<th>Changes</th>
</tr>
</thead>
<tbody>
<tr>
<td>14.1</td>
<td>16</td>
</tr>
</tbody>
</table>

Revision Date: 2019-10-19

(800) 668-6945
axalta.ca

(c) Copyright 2019 Axalta Coating Systems Canada Company. All rights reserved.
Copies may be made only for those using Axalta Coating Systems products.