

Product name: 13206S Aluminum Conversion Coating

Product code: 13206S

Print Date: 2016-09-20

v1.0

Revision Date: 2016-08-22

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

Product name 13206S Aluminum Conversion Coating

Product code 13206S

Recommended use of the chemical

Cleaning agent for professional use

Restrictions on use

The product is only for industrial and/or professional use, not for any private consumer use.

Information on the Manufacturer/Supplier/Distributor

Producer/Supplier

Axalta Coating Systems Australia Pty Limited

Street/Box

15 - 23 Melbourne Road, Riverstone NSW 2765, Australia

Product Information

Telephone

+61 (0)2 8818 4300

<http://www.axalta.com.au>

Emergency Information

Emergency telephone number

1800 089 766

AU Poisons Information Centre: 131 126

Medical Emergency Phone

1800 674 415

Transportation Emergency Phone

1800 089 766

For further information, please also consult our Internet site

<http://www.axaltacoatingsystems.com>

2. Hazards identification

Classified as HAZARDOUS according to the GHS criteria under Australian Work Health Safety (WHS) Act 2011.

Not classified as dangerous goods according to the Australian Dangerous Goods (ADG) Code.

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 classified" and "not applicable" are not shown.

GHS-Labeling

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.

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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.

In case of inadequate ventilation wear respiratory protection.

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower.

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.

Other hazards which do not result in classification

None known.

Special hazard instructions for humans and environment

Avoid exposure - obtain special instructions before use. Do not breathe vapour. Wear suitable protective clothing and gloves. In case of insufficient ventilation, wear suitable respiratory equipment. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

Restricted to professional users.

3. Composition/information on ingredients

Chemical nature

mixture of solvents

Hazardous components

CAS-No.	Chemical name	Concentration	GHS Hazardous
7738-94-5	chromic acid	0.3 - 1.0%	√

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

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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

Avoid heating above flash point.

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.

Additional information

Hazchem Code:

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Keep in a well-ventilated place. Keep away from sources of ignition. Comply with safety directives (see chapters 7 and 8). Do not inhale vapours.

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.

Methods for cleaning up

Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in container for disposal according to local regulations. Clean preferably with a detergent; avoid use of solvents.

7. Handling and storage

Handling

Persons with a history of skin sensitisation problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being used.

Safe handling advice

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Prevent the creation of flammable or explosive concentrations of vapour in air and avoid vapour concentration higher than the occupational exposure limits. The product should only be used in areas from which all naked lights and other sources of ignition have been excluded. Preparation may charge electrostatically: always use grounded leads when transferring from one container to another.

Operators should wear antistatic footwear and clothing. No sparking tools should be used. Avoid skin and eye contact. Do not breathe vapours or spray mist. Smoking, eating and drinking should be prohibited in the application area.

For personal protection see section 8. Comply with the health and safety at work laws. If material is a coating, do not sand, flame cut, braze or weld dry coating without an appropriate respirator or appropriate ventilation, and gloves.

Advice on protection against fire and explosion

Solvent vapours are heavier than air and may spread along floors. Vapours may form explosive mixtures with air. Never use pressure to empty container: container is not a pressure vessel. Always keep in containers of same material as the original one.

Storage

Requirements for storage areas and containers

Storage temperature: +5 to +35°C. 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

Additional technical information on the plant

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. During spray operations, use spray booth fitted to airflow requirements of AS/NZS 4114.

National occupational exposure limits

CAS-No.	Chemical name	Values	Control Parameters	Basis
7738-94-5	chromic acid	TWA	0.05 mg/m ³	NOHSC:1003(2003)

Protective equipment

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

Respiratory protection

When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

Hand protection

The breakthrough time of gloves is unknown for the product itself. The glove material given is recommended on basis of the substances in the preparation.

Chemical name	Glove material	Glove thickness	Break through time
chromic acid	Nitrile rubber	0.35 mm	8 h
	Latex gloves	0.5 mm	8 h

The protective glove should be checked in each case for their work specific suitability (e.g. mechanical stability, product compatibility, and anti-static properties). When the intended use is for spray application a nitrile glove of the chemical resistance group 3 (e.g. Dermatril® glove) is to be used. After contamination, the glove has to be changed. If immersing the hands into the product is not avoidable (e.g. maintenance work) a butyl or fluorocarbon rubber glove should be used. When skin exposure may occur to materials specified in section 3 of this SDS, advice should be sought from the glove supplier as to appropriate type to use with this product and the permeation breakthrough times. Care should be taken when working with sharp edged articles as these can easily damage the gloves and make them ineffective. The instructions and information provided by the glove supplier on use, storage, maintenance and replacement must be followed. Damaged gloves or those showing signs of wear should be replaced immediately.

Eye protection

Wear protective eyewear for protection against solvent spatter.

Skin and body protection

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Wear suitable protective clothing. Personnel should wear antistatic clothings made of natural fiber or of high temperature resistant synthetic fiber.

Hygiene measures

Wash skin thoroughly with soap and water or use recognized skin cleanser. Do not use organic solvents!

Environmental exposure controls

Do not let product enter drains.

For ecological information refer to section 12.

9. Physical and chemical properties

Information on basic physical and chemical properties

Appearance

Form: liquid; **Colour:** clear; **Odour:** Characteristic Paint Odor ; **Odor Threshold :** No data available;

Important health, safety and environmental information

Property	Value	Method
pH	No data available	
Melting point/freezing point	Not applicable.	
Boiling point/boiling range	No data available	
Flash point	Not applicable.	DIN 53213/ISO 1523 Does not sustain combustion.
Evaporation rate	Slower than Ether	
Flammability (solid, gas)	not relevant as product is liquid	
Lower explosion limit	No data available	
Upper explosion limit	No data available	
Vapour pressure	No data available	
Vapour density	No data available	
Density	1 g/cm ³	20 °C - DIN 53217/ISO 2811
Solubility(ies)		
Water solubility	appreciable	
Solubility in other solvents	No data available	
Partition coefficient: n-octanol/water	This product is a mixture. For ingredient details see section 12	
Auto-ignition temperature	No data available	
Decomposition temperature	This product is a mixture. For further information see section 10.	
Viscosity (23 °C)	Not applicable.	ISO 2431 - 1993
Explosive properties	Not explosive	
Oxidizing properties	not oxidizing	

Other data

Solvent separation test	< 3%	ADR/RID
Content of volatile components (including water)	99.0 %	Basis Vapour pressure >= 0.01 kPa
organic solvent content		Basis Vapour pressure >= 0.01 kPa

10. Stability and reactivity

Stability

Stable

Conditions to avoid

Stable under recommended storage and handling conditions (see section 7).

Materials to avoid

Keep away from oxidizing agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.



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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 classified according to GHS criteria

% 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

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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

Ecotoxicity effects

There are no data available on the product itself. The product should not be allowed to enter drains or watercourses. The data in this section is consistent with data from chemical safety reports available at the date of revision.

Persistence and degradability

No information available.

Bioaccumulation

No information available.

Mobility in soil

No information available.

Other adverse effects

No information available.

13. Disposal considerations

Incinerate or otherwise dispose of waste material in accordance with local regulations. The product should not be allowed to enter drains, water courses or the soil. Do not incinerate in closed containers.

Contaminated packaging

Empty containers should be taken to an approved waste handling site for recycling or disposal. If recycling is not practicable, dispose of in compliance with local regulations.

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

Symbol and indication of hazard.

T | Toxic

R-phrases(s)

R49 | May cause cancer by inhalation.
R36/38 | Irritating to eyes and skin.
R43 | May cause sensitisation by skin contact.
R52/53 | Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S-phrases(s)

S53 | Avoid exposure - obtain special instructions before use.
S23 | Do not breathe vapour.
S36/37 | Wear suitable protective clothing and gloves.
S38 | In case of insufficient ventilation, wear suitable respiratory equipment.
S45 | In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

National regulatory information

- Standard for the Uniform Scheduling of Medicines and Poisons
 - No poison schedule number allocated.
- Information about Other Regulations.
 - Not applicable

Restricted to professional users.

16. Other information

Sources of key data used to compile the datasheet

1. Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals, December 2011
2. Guidance on the Classification of Hazardous Chemicals Under The WHS Regulations, April 2012
3. Adopted National Exposure Standards for Atmospheric Contaminants in the Occupational Environment
4. Australian Dangerous Goods Code, 7.3 (National Road Transport Commission)
5. Standard for the Uniform Schedule of Medicines and Poisons (SUSMP), No. 9
6. Labelling of Workplace Hazardous Chemicals Code of Practice, March 2015

Further information

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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Report version

Version Changes

1.0

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End of Safety Data Sheet