

Stainless steel Coating Spray (SSC-200)	SDS No.	576421
TRUSCO NAKAYAMA CORPORATION	Revision Date	Nov. 04, 2025

SAFETY DATA SHEET(SDS)

1 PRODUCT AND COMPANY IDENTIFICATION

Product Name : Stainless steel Coating Spray (SSC-200)
 Company Name : TRUSCO NAKAYAMA CORPORATION
 Address : 28-1 SHINBASHI 4-chome,MINATO-KU,TOKYO,JAPAN
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2 HAZARDS IDENTIFICATION

Hazards Category

Aerosols	: Category 1
Flammable Liquids	: Category 2
Acute Toxicity(Oral)	: Category 4
Acute Toxicity(Inhalation)	: Category 3
Skin Corrosion/Irritation	: Category 2
Serious Eye Damage/Eye Irritation	: Category 2A
Respiratory/Skin Sensitizer	: Category 1
Respiratory/Skin Sensitizer	: Category 1A
Germ Cell Mutagenicity	: Category 2
Carcinogenicity	: Category 2
Reproductive Toxicity	: Category 1A
Specific Target Organ Systemic Toxicity(Single Exposure)	: Category 1
Specific Target Organ Systemic Toxicity(Single Exposure)	: Category 2
Specific Target Organ Systemic Toxicity(Single Exposure)	: Category 3
Specific target organ systemic toxicity(Repeated exposure)	: Category 1
Specific target organ systemic toxicity(Repeated exposure)	: Category 2
Aspiration Hazard	: Category 1
Hazardous to The Aquatic Environment(Acute)	: Category 2
Hazardous to The Aquatic Environment(Chronic)	: Category 2

The one without the description cannot be classified.

Allocation of Label Elements

Pictogram

Flame
 Skull and crossbones
 Health Hazard
 Environment



Signal Word

Danger

Hazard Statement

Extremely flammable aerosol
 Pressurized container : may burst if heated
 Highly flammable liquid and vapour
 Harmful if swallowed
 Toxic if inhaled
 Cause skin irritation
 Cause serious eye irritation
 May cause allergy or asthma symptoms or breathing difficulties if inhaled
 May cause an allergic skin reaction
 Suspected of causing genetic defects

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Suspected of causing cancer
 May damage fertility or the unborn child
 May cause harm to breast-fed children
 Cause damage to organs
 May cause damage to organs
 May cause respiratory irritation; or May cause drowsiness or dizziness
 Causes damage to organs through prolonged or repeated exposure
 May causes damage to organs through prolonged or repeated exposure
 May be fatal if swallowed and enters airways
 Toxic to aquatic life
 Toxic to aquatic life with long lasting effects

Precautionary Statement

Prevention

Before use, read the safe data sheet (SDS).
 Keep out of reach of children.
 Do not handle until all safety precautions have been read and understood.
 Keep away from heat/sparks/open flames/hot surfaces. No smoking.
 Do not spray on an open flame or other ignition source.
 Use explosion-proof electrical/ventilating/lighting/equipment.
 Use only non-sparking tools.
 Take precautionary measures against static discharge.
 Do not burn, even after use.
 Do not breathe dust/fume/gas/mist/vapours/spray.
 Avoid contact during pregnancy/while nursing.
 Wash points of contact thoroughly after handling.
 Do not eat, drink or smoke when using this product.
 Use only outdoors or in a well-ventilated area.
 Avoid release to the environment.
 Wear protective gloves/protective clothing/eye protection/face protection/respiratory protection.

Response

In case of fire : Use dry chemical, carbon dioxide(CO2), and foam to extinguish.
 IF SWALLOWED : Do NOT induce vomiting. Immediately call a POISON CENTER/doctor.
 IF ON SKIN : Wash with plenty of soap and water.
 If skin irritation or rash occurs : Get medical advice/attention.
 IF INHALED : Remove person to fresh air and keep comfortable for breathing.
 Get medical advice/attention if you feel unwell.
 IF IN EYES : Rinse cautiously with water for several minutes. Get medical advice/attention.
 If experiencing respiratory symptoms : Call a POISON CENTER/doctor.
 If exposed or concerned : Get medical advice/attention.
 Take off contaminated clothing.
 Wash contaminated clothing before reuse.
 Absorb spillage to prevent material damage.
 Collect spillage.

Storage

Store locked up.
 Store in a well-ventilated place. Keep container tightly closed. Keep cool.
 Protect from sunlight. Do not expose to temperatures exceeding 40°C.

Disposal

Dispose of contents /container in accordance with local/regional/national/international regulations.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients and Contents

Component name	CAS number	wt%
Stainless powder	Trade secret	10~20
(Iron)	7439-89-6	(5~15)
(Chromium)	7440-47-3	(1~5)
(Nickel)	7440-02-0	(1~5)
(Molybdenum)	7439-98-7	(<1)

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Toluene	108-88-3	10~20
Methanol	67-56-1	1~5
2-Propanol	67-63-0	1~5
1-Butanol	71-36-3	1~5
Hydrotreated light distillate	Trade secret	1~5
Ethanol, 2-butoxy-	111-76-2	1~5
2-Propyl, 1-methoxy-, acetate	108-65-6	1~5
Xylene	1330-20-7	1~5
Ethylbenzene	100-41-4	1~5
Dimethyl ether	115-10-6	35~45

4 FIRST-AID MEASURES

Inhalation

Remove victim to fresh air and keep at rest in a position comfortable for breathing.
Call a physician if you feel unwell.

Skin

Wash with plenty of soap and water.
Call a physician if you feel unwell.

Eye

Immediately flush eyes with plenty of water for at least 15 minutes.
Call a physician.

Ingestion

Rinse mouth. Do not induce vomiting.
Call a physician.

5 FIRE-FIGHTING MEASURES

Extinguishing Media

Dry chemical, carbon dioxide(CO2), and foam

Specific Fire Fighting

Must not use water to extinguish fires.
Quickly removed from the surrounding flammable.
The use of extinguishing agents specified.
Fire fighting is done from the windward.
On small fires use carbon dioxide (CO2) or dry chemical.
On large fires use dry chemical or foam.
Sealed containers that are exposed to high temperatures over the water to cool.

Protection for Fire-fighter

Wear full body protective clothing with breathing apparatus.

6 ACCIDENTAL RELEASE MEASURES

Personal Precautions

Wear protective equipments in case of operation.

Environmental Precautions

Avoid release to the environment.

Methods for Cleaning Up

Remove potential ignition source in vicinity as soon as possible.
Prepare extinguishing agent.
Prevent leakage by enclosing with nonflammables and collect into empty container by scoop or the like.
Absorbed to non-flammable dry sand, if a large amount of spill to prevent enclosed in embankment.
If do not stop the leakage from the container, releasing carried away in a place not at risk of being open.
Spilled material is collected in a container that can be sealed, then remove to safe place.
Deposits, waste treatment is based on the local regulations.
Working from the windward, to evacuate people downwind.

7 HANDLING AND STORAGE

Handling

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Use in a well ventilated area.
 Keep away from heat, spark and flames.
 Use spark-proof tools and explosion-proof equipment.
 After handling, wash well hands and face and rinse your mouth.
 Facilities storing or utilizing this material should be equipped with an eye wash facility and a safety shower.
 Leakage, overflow, to prevent scattering, we do not generate steam in vain.
 In the handling area and deny unnecessary entry.
 Resting place shall not bring contaminated protective equipment such as gloves.
 Wear protective equipments when risk of exposure occurs.
 To work in an enclosed area that you work with appropriate protective equipment with a local exhaust ventilation sufficient.

Precautions

Do not breathe vapor or mist.
 Handling of the outdoors, as much as possible to work from the windward.
 Note is flammable at higher temperatures.
 Do not handle in a fire place.
 Do not handle in the place more than 40 °C.
 Do not use continuously for more than 30 seconds.
 Do not store near heat or open flame areas exposed to direct sunlight.
 Not want to use toward food and the human body.

Handling Precautions for Safety

Avoid physical damage to containers.

Contact avoidance

Avoid contact with fire and oxidizing agents. Do not mix or come into contact with strong oxidizing agents.

Storage

Fire prohibited strictly.
 Do not store in direct sunlight or where more than 40 °C.
 Keep away from sources of ignition.
 Store in a cool, dry, well-ventilated area away from incompatible substances.
 Note that because there is a risk of corrosion and rupture the container is stored in a moisture or humid place.
 Store in a tightly closed container.

Safe containers and packaging materials

None in particular.

8 EXPOSURE/PERSONAL PROTECTION

Engineering Controls

Handling equipment is used explosion-proof.
 Attach an exhaust device to prevent vapor from staying.
 That the equipment and shall become hot, and the source of ignition in the vicinity of the location, such as handling not been placed.
 Use adequate general or local exhaust ventilation to keep airborne concentrations below the permissible exposure limits.

Exposure Limit Values

Chemical name	ACGIH
(Chromium)	TWA 0.5mg/m ³ (l), STEL - (as Cr: Metal and Cr III compounds)
(Nickel)	TWA 1.5mg/m ³ (l)
(Molybdenum)	TWA 3mg/m ³
Toluene	TWA 20ppm
Methanol	TWA 200ppm, STEL 250ppm (Skin)
2-Propanol	TWA 200ppm, STEL 400ppm
1-Butanol	TWA 20ppm
Hydrotreated light distillate	TWA 100ppm
Ethanol, 2-butoxy-	TWA 20ppm
Xylene	TWA 100ppm, STEL 150ppm
Ethylbenzene	TWA 20ppm

Personal Protective Equipment

Respiratory Protection

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Wear an organic gas mask or positive pressure air respirator if necessary.

Skin Protection

Solvent-resistant gloves

Eye Protection

Wear chemical worker's goggles.

Skin and body protection

Such as long-sleeved work clothes

Hygiene measures

Do not eat, drink or smoke during work.

Replacement of the adsorbent, such as the mask is performed each time or use plans.

9 PHYSICAL AND CHEMICAL PROPERTIES

Physical State	:	Liquid	(Base liquid)
Color	:	Metallic	
Odor	:	Solvent odor	
pH	:	Not available	
Boiling Point(°C)	:	Not available	
Melting Point(°C)	:	Not available	
Flammability	:	Not available	
Flash point(°C)	:	4	
Auto-ignition Temperature(°C)	:	Not available	
Flammability or Explosive Limits			
Lower	:	Not available	
Upper	:	Not available	
Vapour Pressure (KPa)	:	Not available	
Vapour Density	:	Not available	
Relative density(g/cm ³)	:	1.20	
Solubility	:	Insoluble in water	
Partition Coefficient: n-octanol/water	:	Not available	
Decomposition Temperature(°C)	:	Not available	
Dynamic viscosity rate	:	Not available	
Relative gas density	:	Not available	
Particle properties	:	Not available	

10 STABILITY AND REACTIVITY

Stability

Stable under normal temperatures and pressures.

Reactivity

No self-reactive

Possibility of hazardous reactions

No valid data

Conditions to Avoid

Heat, flames, ignition sources and incompatibles.

Hazardous substances to avoid

Strong oxidizing agents

Hazardous Decomposition Products

Carbon monoxide, carbon dioxide and other oxidized substances.

11 TOXICOLOGICAL INFORMATION

Chemical name	Acute toxicity (oral)	Acute toxicity (dermal)	Acute toxicity (inhalation: gas)	Acute toxicity (inhalation: vapour)	Acute toxicity (inhalation: dust, mist)	Skin corrosion / irritation	Serious eye damage / eye irritation
Stainless powder	Category 4	Classification not possible	Classification not possible	Classification not possible	Classification not possible	Category 2	Classification not possible

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(Iron)	Classification not possible	Classification not possible	Classification not possible	Classification not possible	Classification not possible	Classification not possible	Classification not possible
(Chromium)	Classification not possible	Classification not possible	Not applicable to category	Classification not possible	Classification not possible	Classification not possible	Category 2B
(Nickel)	Not applicable to category	Classification not possible	Not applicable to category	Classification not possible	Classification not possible	Classification not possible	Classification not possible
(Molybdenum)	Classification not possible	Classification not possible	Not applicable to category	Not applicable to category	Not applicable to category	Category 2	Category 2A
Toluene	Not applicable to category	Not applicable to category	Not applicable to category	Category 4	Classification not possible	Category 2	Category 2B
Methanol	Category 4	Not applicable to category	Not applicable to category	Not applicable to category	Classification not possible	Classification not possible	Category 2A
2-Propanol	Not applicable to category	Not applicable to category	Not applicable to category	Not applicable to category	Classification not possible	Not applicable to category	Category 2A
1-Butanol	Not applicable to category	Not applicable to category	Not applicable	Classification not possible	Not applicable to category	Category 2	Category 2A
Hydrotreated light distillate	Not applicable to category	Classification not possible	Classification not possible	Classification not possible	Classification not possible	Category 2	Not applicable to category
Ethanol, 2-butoxy-	Category 4	Category 3	Not applicable to category	Category 2	Classification not possible	Category 2	Category 2A
2-Propyl, 1-methoxy-, acetate	Not applicable to category	Not applicable to category	Not applicable to category	Classification not possible	Classification not possible	Not applicable to category	Category 2B
Xylene	Not applicable to category	Category 4	Not applicable to category	Category 4	Classification not possible	Category 2	Category 2A
Ethylbenzene	Not applicable to category	Not applicable to category	Not applicable to category	Category 4	Classification not possible	Not applicable to category	Category 2B
Dimethyl ether	Classification not possible	Classification not possible	Not applicable to category	Not applicable to category	Not applicable to category	Classification not possible	Classification not possible

Chemical name	Respiratory/skin sensitizer	Germ cell mutagenicity	Carcinogenicity	Toxic to reproduction	Specific target organs/systemic toxicity following single exposure	Specific target organs/systemic toxicity following repeated exposure	Aspiration hazard
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Stainless powder	Respiratory sensitizer: Category 1; Skin sensitizer: Category 1	Classification not possible	Category 2	Classification not possible	Classification not possible	Classification not possible	Classification not possible
(Iron)	Respiratory sensitizer: Classification not possible; Skin sensitizer: Classification not possible	Classification not possible	Classification not possible	Classification not possible	Classification not possible	Classification not possible	Classification not possible
(Chromium)	Respiratory sensitizer: Category 1; Skin sensitizer: Category 1	Category 2	Not applicable to category	Classification not possible	Category 2 (systemic toxicity), Category 3 (respiratory tract irritation)	Classification not possible	Classification not possible
(Nickel)	Respiratory sensitizer: Category 1; Skin sensitizer: Category 1A	Classification not possible	Category 2	Classification not possible	Category 1 (respiratory, kidneys)	Category 1 (respiratory organs)	Classification not possible
(Molybdenum)	Respiratory sensitizer: Classification not possible; Skin sensitizer: Classification not possible	Classification not possible	Classification not possible	Classification not possible	Category 3 (respiratory tract irritation)	Classification not possible	Classification not possible
Toluene	Respiratory sensitizer: Classification not possible; Skin sensitizer: Not applicable to category	Not applicable to category	Classification not possible	Category 1A	Category 1 (central nervous system) Category 3 (respiratory tract irritation, narcotic effects)	Category 1 (central nervous system, kidneys)	Category 1
Methanol	Respiratory sensitizer: Classification not possible; Skin sensitizer: Not applicable to category	Not applicable to category	Classification not possible	Category 1B	Category 1 (optic organ, systemic toxicity, central nervous system); Category 3 (narcotic effects)	Category 1 (visual organs, central nervous system)	Classification not possible
2-Propanol	Respiratory sensitizer: Classification not possible; Skin sensitizer: Classification not possible	Classification not possible	Classification not possible	Category 2	Category 1 (central nervous system, systemic toxicity); Category 3 (respiratory tract irritation)	Category 1 (blood system), Category 2 (respiratory organs, liver, spleen)	Category 2
1-Butanol	Respiratory sensitizer: Classification not possible; Skin sensitizer: Classification not possible	Classification not possible	Classification not possible	Classification not possible	Category 3 (respiratory tract irritation, narcotic effects)	Category 1 (central nervous system, auditory organ)	Classification not possible
Hydrotreated light distillate	Respiratory sensitizer: Classification not possible; Skin sensitizer: Not applicable to category	Not applicable to category	Classification not possible	Not applicable to category	Category 3 (narcotic effects, respiratory tract irritation)	Category 2 (liver, testes)	Category 1
Ethanol, 2-butoxy-	Respiratory sensitizer: Classification not possible; Skin sensitizer: Not applicable to category	Classification not possible	Classification not possible	Category 2	Category 1 (blood system, Respirator, liver, kidneys), Category 3 (narcotic effects)	Category 1 (blood system)	Classification not possible

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2-Propyl, 1-methoxy-, acetate	Respiratory sensitizer: Classification not possible; Skin sensitizer: Not applicable to category	Classification not possible	Classification not possible	Not applicable to category	Category 3 (narcotic effects, respiratory tract irritation)	Classification not possible	Classification not possible
Xylene	Respiratory sensitizer: Classification not possible; Skin sensitizer: Classification not possible	Classification not possible	Classification not possible	Category 1B	Category 1 (central nervous system, respiratory organs, liver, kidneys), Category 3 (narcotic effects)	Category 1 (nervous system, respiratory organs)	Category 1
Ethylbenzene	Respiratory sensitizer: Classification not possible; Skin sensitizer: Classification not possible	Classification not possible	Category 2	Category 1B	Category 3 (respiratory tract irritation, narcotic effects)	Category 2 (auditory organ)	Category 1
Dimethyl ether	Respiratory sensitizer: Classification not possible; Skin sensitizer: Classification not possible	Classification not possible	Classification not possible	Classification not possible	Category 3 (narcotic effects)	Classification not possible	Classification not possible

12 ECOLOGICAL INFORMATION

Chemical name	Hazardous to the aquatic environment (Acute)	Hazardous to the aquatic environment (Chronic)	Hazard to the ozone layer	Residuality and decomposition	Ecological accumulation	Mobility in soil
Stainless powder	Category 2	Category 2	Classification not possible	No data	No data	No data
(Iron)	Classification not possible	Classification not possible	Classification not possible	No data	No data	No data
(Chromium)	Classification not possible	Classification not possible	Category 該当しない	No data	No data	No data
(Nickel)	Classification not possible	Classification not possible	Classification not possible	No data	No data	No data
(Molybdenum)	Classification not possible	Classification not possible	Classification not possible	No data	No data	No data
Toluene	Category 2	Category 3	Classification not possible	No data	No data	No data
Methanol	Not applicable to category	Not applicable to category	Classification not possible	No data	No data	No data
2-Propanol	Not applicable to category	Not applicable to category	Classification not possible	No data	No data	No data
1-Butanol	Not applicable to category	Not applicable to category	Classification not possible	No data	No data	No data

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Hydrotreated light distillate	Category 1	Category 1	Classification not possible	No data	No data	No data
Ethanol, 2-butoxy-	Not applicable to category	Not applicable to category	Classification not possible	No data	No data	No data
2-Propyl, 1-methoxy-, acetate	Not applicable to category	Not applicable to category	Classification not possible	No data	No data	No data
Xylene	Category 2	Category 2	Classification not possible	No data	No data	No data
Ethylbenzene	Category 1	Category 2	Classification not possible	No data	No data	No data
Dimethyl ether	Not applicable to category	Not applicable to category	Classification not possible	No data	No data	No data

13 DISPOSAL CONSIDERATIONS

Dispose of contents /container in accordance with local/regional/national/international regulations.

14 TRANSPORT INFORMATION

UN Class

Aerosols, flammable, Class 2.1

UN No.

UN1950

Packing Group

Not regulated.

15 REGULATORY INFORMATION

Follow all regulations in your country.

16 OTHER INFORMATION

References

JIS Z 7253 (2019)

GHS data-base (NITE)

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