

PIN2VIN/CATGUARD/CatETCH/SAFECAT

Application Guide for Catalytic Converter Theft Prevention Labels

IMPORTANT TO NOTE:

These instructions have been designed for the www.cat-reg.com registration portal, which streamlines and accelerates the registration process. This portal also cleans the data as it is being entered, which prevents the previous challenges of “garbage in equals garbage out,” which left some previous registrations unusable.

The www.cat-reg.com portal can be used for:

- All **PIN2VIN** catalytic converter theft prevention labels
- Any **CATGUARD, CatETCH, or SAFECAT** labels within the code range **NAAA0001 to NAAX3535**.

Safety Notice:

1. **Personal protective equipment MUST be worn.**
2. **Review the attached SDS before proceeding.**

General Instructions: All Safety Precautions Must Be Followed

1. Avoid high-traffic areas.
2. Wear a reflective safety vest when working outside or in traffic areas.
3. Secure vehicle and keys.
4. Avoid eye and skin contact with catalytic converter marking fluid.

The label will adhere to all surfaces likely to be encountered, provided the areas are clean, dry, and paint/grease/coating free. The label must not be used on corroded, coated or rusty metal.

Parts:

1. Vehicle label kit
2. Wire Brush
3. Sandpaper or Scuff Pad
4. Shop Towel
5. High Temperature Paint

Application Instructions:

This [Installation Training Video](#) is a short how-to guide to ensure all points for a quality fitment are completed.

PIN2VIN/CATGUARD/CatETCH/SAFE CAT

Installation Steps:

1. Obtain the vehicle keys and keep them with you during this installation.
2. Verify the location and number of catalytic converter(s) on the vehicle.
3. If the labels have been pre-registered, verify that the vehicle number you are working on matches the label PIN code on the back page of the Theft-Deterrent kit.

If they do not match, please get in touch with your authority or the vehicle owner before proceeding.

IMPORTANT: MAKE SURE CATALYTIC CONVERTER(S) ARE COOL TO THE TOUCH!

4. Identify and prepare an area on each of the catalytic converter(s) where you plan to install the theft-deterrent decal. Ensure the area is clean, dry, and free from rust, paint, grease, and any coatings.

Note: Place decal(s) on catalytic converter(s) and, if possible, NOT on heat shield.

5. Peel a theft-deterrent label from the backing paper and press it firmly on the prepared area of the catalytic converter.

Repeat as required with any additional labels if additional catalytic converter(s) are present on the vehicle.

If there is an extra label, we recommend applying it to the other side of the same converter.

6. Apply the metal etching fluid to the decal(s) over the laser-cut "dot-matrix" text, taking care to keep the fluid on the labels.

a. Ensure that all the laser-cut message holes are filled.

b. Ensure the etching fluid lid is reapplied to seal the container.

7. We do not recommend it, but some companies apply high-temperature, high-visibility paint to the vehicle's catalytic converter(s). Now is the time for this optional step.

Note: If you are applying paint, we strongly recommend exercising great caution and wearing appropriate safety equipment.

8. Start the vehicle and allow it to idle for approximately two minutes. This activates the etching fluid on the catalytic converter metal.

Do not remove the theft-deterrent label/or stencil (s) that were used for the etching fluid.

9. Return tools and unused supplies.
10. If not preregistered, register the product in the <http://www.cat-reg.com> portal as seen below.
11. Shut off the engine, secure the vehicle, and return the keys.
12. Apply the window warning label if supplied.

PIN2VIN/CATGUARD/CatETCH/SAFECAT

Registration Instructions:



Method One: (EASIEST)

Scan the QR code on the back of the product packaging with your camera, open it in your browser, and follow the online instructions.

Method Two: Scan the QR code to the left or visit the web portal (www.cat-reg.com) for direct registration access and follow the instructions.

Once registered, the catalytic converter ID code will be uploaded to the Law Enforcement database within 24 hours.

Additional Information:



EXAMPLE 1: Cut Label Showing the Etching

Even if the label is removed, the etching still bears an ID mark on the metal of the catalytic converter.

USING the LABEL

To see the Label's PIN linked VIN, scan the QR code or go to www.cat-reg.com website and search the label PIN code

Warning: APPLICATION MATTERS

EXAMPLE 2: Surface Rust Causes the Label to Fail

The PIN2VIN/CATGUARD/CatETCH/SAFECA labels are designed to last, but they require a clean, dry, and a surface that is free of rust, paint, grease, or coatings for proper application.

The example to the right was due to a failure to prepare the surface, resulting in the label failing within one year when they can last for many years.



Safety Data Sheet

DETAILS:

SECTION 1: Identification of the Substance/Mixture

Product identifier Metal Marking Fluid - Product code: Metal-Etch

Relevant identified uses of the substance or mixture and uses advised against - Security Etching fluid for various metals

Uses advised against: - Not available

SECTION 2: Hazards Identification

Classification of the substance or mixture:

The chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

- Skin Irritation 2
- Eye Irritation 2
- Toxicity 3



Label elements

Signal word - Warning

Hazard statements - Causes skin irritation/ Causes eye irritation/ Harmful if swallowed

Precautionary statements prevention - Use and apply only as indicated in the instructions

Wear cautionary protective eye protection/ gloves, and wash hands with soap after handling. Personal protective equipment is not generally required due to the volumes supplied

Response - If eye irritation persists, seek medical attention

Storage - Locked Up

Disposal - None

SECTION 3: Composition/Information on Ingredients

Mixtures 25/75%

Declarable components:

25% - Ammonium Tetrachlorocuprate (11) Code: AM-CUCL4-0181-C.2HYD)

EC No. 25 - 239-690-5

CAS - 10060-13-6

Classification - The chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

- Skin Irritation 2
- Eye Irritation 2
- Toxicity 3

75% - Water

EC No. - 231- 791-2

CAS - 7732- 18-5

Classification - Not classified

SECTION 4: First Aid Measures

Description of first aid measures

Eye Contact: Remove contact lens if present; rinse immediately with plenty of water under eyelids for at least 15 minutes. If irritation occurs, get prompt medical advice/attention

Skin Contact: Wash skin with plenty of soap and water. If irritation occurs, get prompt medical advice/attention

Ingestion - If swallowed, clean your mouth thoroughly and drink water. Get prompt medical attention

SECTION 5: Firefighting Measures

Extinguishing media: Water spray, foam, dry powder, and carbon dioxide extinguishers are - Suitable

Special hazards arising from the substance or mixture

The liquid is non-combustible, in an aqueous solution, and not classified as flammable

Protective equipment and precautions for firefighters to wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH, and full protective gear

NFPA

Health – 2

Flammability – 0

Instability – 0

SECTION 6: Accidental Release Measures

Personal precautions, protective equipment, and emergency procedures

Use personal protection as required

Environmental precautions

Prevent products from entering water courses or drainage systems by absorption with inert material

Methods and material for containment and cleaning up

Stop the source of the leak or release. Clean up the spill as soon as possible

- For small quantities, wipe off with a cloth or paper, and wash the affected area with water and detergent
- For large quantities, absorb with an inert material. Wash contaminated surfaces with water and detergent
- Collect spills/contaminated materials and keep them in a suitable closed container for disposal

SECTION 7: Handling and Storage

Precautions for safe handling - Avoid skin and eye contact with the product, and do not ingest

Product storage - Keep the products tightly closed in an area away from direct sunlight

SECTION 8: Exposure Controls/Personal Protection

Control parameters

Engineering Measures Ensure that eyewash stations are close to the workstation.

Personal Protective Equipment is eye/face protection wear as described in protective regulations 29 CFR 1910.133

Hygiene Measures are handled in accordance with good industrial hygiene and safety practices

Exposure controls

Engineering controls - None

Personal protective equipment - The need for personal protective equipment should be based on a workplace risk assessment for the particular use. Avoid skin and eye contact

Environmental exposure Controls - No information available

SECTION 9: Physical and Chemical Properties

Information on basic physical and chemical properties

Appearance - Green liquid

Odor - None

Odor threshold - No information available

pH - No information available

Melting/freezing point - Water, 0 °C

Initial boiling point/range - Water 100 °C

Flashpoint - Aqueous solution

Evaporation rate - Not applicable

Flammability (solid, gas) - Non-Flammable

Flammability or explosive limits - Not applicable

Vapor pressure - Water 2310 Pa at 20 °C

Vapor density - Not applicable

Relative density - Not applicable

Solubilities - In water: soluble

Partition coefficient; n-octanol/water - Not applicable

Autoignition temp. - Not applicable

Decomposition temperature - Not applicable

Viscosity - Not applicable

Explosive properties - Non-Flammable

Oxidizing properties - Not applicable

SECTION 10: Stability and Reactivity

Reactivity - No information available

Chemical stability - Stable.

Possibility of hazardous reactions - No information available

Conditions to avoid - Extreme heat

Incompatible materials - Strong oxidizing agents and strong acids

Hazardous decomposition products - No information available

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity - No information available

Skin corrosion/irritation - The product is expected to meet the criteria for classification (Category 2)

Serious eye damage/irritation - The product is expected to meet the criteria for classification (Category 2)

Ingestion - Harmful if swallowed

SECTION 12: Ecological Information

Toxicity - No information available

Persistence and degradability - Biodegradable

Bioaccumulate potential - No information available

Mobility in soil - No information available

SECTION 13: Disposal Considerations

Waste treatment methods - Disposal must be in accordance with current national and local regulations, and we suggest Incineration is recommended for disposal of this product. It is not advised to use landfill or to use drains for disposal

SECTION 14: Transport Information

DOT - Not regulated

TDG - Not regulated

IATA - Not regulated

IMDG/IMO - Not regulated

SECTION 15: Regulatory Information

Clean Air Act - Not applicable

OSHA - Not applicable

Health Administration - Not applicable

CERCLA - Not applicable

California Proposition 65 – This product does not contain any Proposition 65 chemicals

Reportable Quantity – N

DOT Marine Pollutant – N

DOT Severe Marine Pollutant – N

US Department of Homeland – This product does not contain any DHS chemicals

SECTION 16: Other Information

Disclaimer: Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH). The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide.

Basis of classification - The mixture is self-classified on the basis of available information on the ingredients

Company Statement - Please note that the information within this data sheet applies to large quantities of raw Ammonium Tetrachlorocuprate (II). In contrast, our fluid mixture contains only a tiny percentage of this chemical and is supplied in containers of a maximum size of < 20ml