



'A Global Reputation to Protect'

SECTION 1: IDENTIFICATION OF PRODUCT AND COMPANY

Code	ACEJW26
Product Name	GUARD TWO PACK ETCH CHROMATE (ACTIVATOR)
Intended Use	Special Additive
	New Guard Coatings Ltd, Sandbeck Way, Wetherby, West Yorkshire
Tel: 01937 586311	Emergency Tel: 01444 870087

SECTION 2: HAZARDS IDENTIFICATION

Labelling (1272/2008/CE):



Classification of the substance or mixture according to Classification (1272/2008/CE)

Specific target organ toxicity - single exposure	Category 3
Skin Corrosion / Irritation	Category 1 B
Serious eye damage / eye irritation	Category 1
Flammable Liquid	Category 3
Acute Toxicity	Category 4

Precautionary Statements

P304/P340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable f
P233	Keep container tightly closed.
P241	Use explosion-proof electrical/ventilating/lighting equipment.
P260	Do not breathe dust/fume/gas/mist/vapours/spray.
P264	Wash hands thoroughly after handling.
P271	Use only outdoors or in well-ventilated area.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P210	Keep away from heat/sparks/open flames/hot surfaces. — No smoking.
P303/P361/P353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse
P501	Dispose of contents/container according to local regulations
P305/P351/P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lense P310
	Immediately call a POISON CENTER or doctor/physician. P363 Wash contaminated clothing before reuse.



'A Global Reputation to Protect'

P370/P378	In case of fire: Use Powder for extinction.
P403/P235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.
P301/P330/P331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIE

Hazardous Ingredients	CAS Number	EC Number	Index Number	Content
ISOPROPYL ALCOHOL	67-63-0	200-661-7	603-117-00-0	2.5-10%
Flam. Liq. 2 H225 Eye Irrit. 2 H319 STOT SE 3 H335				
N-BUTANOL	71-36-3	200-751-6	603-004-00-6	75-100%
Flam. Liq. 3 H226 Acute Tox. 4 H302 STOT SE 3 H335 Skin Irrit. 2 H315 Eye Dam. 1 H318 STOT SE 3 H				
PHOSPHORIC ACID	7664-38-2	231-633-2	015-011-00-6	2.5-10%
Skin Corr. 1B H314				

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

In all cases of doubt, or when symptoms persist, seek medical attention.
 Never give anything by mouth to an unconscious person.
 If unconscious place in recovery position and seek medical advice.

Inhalation

Remove to fresh air, keep patient warm and at rest.
 If breathing is irregular or stopped, administer artificial respiration.

Skin Contact

Remove contaminated clothing.
 Wash skin thoroughly with soap and water or use recognised skin cleanser.
 Do NOT use solvents or thinners.

Eye Contact

Remove contact lenses, irrigate copiously with clean, fresh water, holding the eyelids apart for at least 10 minutes and seek immediate medical advice.

Ingestion

If accidentally swallowed rinse the mouth with plenty of water (only if the person is conscious) and obtain immediate medical attention.
 Keep at rest.
 Do NOT induce vomiting.

SECTION 5: FIRE FIGHTING MEASURES

5.1. Extinguishing media recommended: alcohol resistant foam, CO2, powders, water spray/mist not to be used for safety reasons: water jet.

5.2. Special hazards arising from the substance or mixture

Fire will produce dense black smoke. Exposure to decomposition products may cause a health hazard. Appropriate breathing apparatus may be required.

5.3. Advice for firefighters



'A Global Reputation to Protect'

Cool closed containers exposed to fire with water.

Do not allow run-off from fire fighting to enter drains or water courses.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Exclude sources of ignition and ventilate the area.

Avoid breathing vapours.

Refer to protective measures listed in sections 7 and 8.

6.2. Environmental precautions

Do not allow to enter drains or watercourses.

If the product contaminates lakes, rivers or sewage, inform appropriate authorities in accordance with local regulations

6.3. Methods and material for containment and 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 (see section 13).

Clean preferably with a detergent - avoid use of solvents.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Prevent the creation of flammable or explosive concentrations of vapour in air and avoid vapour concentration higher than the occupational exposure limits. In addition, the product should only be used in areas from which all naked lights and other sources of ignition have been excluded.

Electrical equipment should be protected to the appropriate standard. Mixture may charge electrostatically: always use earthing leads when transferring from one container to another. Operators should wear anti-static footwear and clothing and floors should be of the conducting type.

Isolate from sources of heat, sparks and open flame. No sparking tools should be used.

Avoid skin and eye contact. Avoid the inhalation of dust, particulates and spray mist arising from the application of this mixture.

Avoid inhalation of dust from sanding.

Smoking, eating and drinking should be prohibited in application area.

For personal protection see Section 8.

Never use pressure to empty: container is not a pressure vessel.

Always keep in containers of same material as the original one.

Comply with the health and safety at work laws.

Do not allow to enter drains or water courses.

Information on fire and explosion protection: vapours are heavier than air and may spread along floors.

Vapours may form explosive mixtures with air.

7.2. Conditions for safe storage, including any incompatibilities

Store in accordance with national regulations)

Notes on joint storage

Store away from oxidising agents, from strongly alkaline and strongly acid materials.

Additional information on storage conditions Observe label precautions.

Store between 5 and 30°C in a dry, well ventilated place away from sources of heat and direct sunlight.

Keep container tightly closed. Keep away from sources of ignition.

No smoking.

Prevent unauthorised access.

Containers which are opened must be carefully resealed and kept upright to prevent leakage.

7.3. Specific end use(s): Special Additive



SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1. Control parameters

Limits for occupational exposure and / or biological limit values

Hazardous Ingredients	WorkPlace Exposure Limits				Notations ⁽³⁾
	8 Hour TWA ⁽¹⁾		15 Min STEL ⁽²⁾		
	ppm	mg/m ³⁽⁴⁾	ppm	mg/m ³⁽⁴⁾	
ISOPROPYL ALCOHOL	400	999	500	1250	
N-BUTANOL			50	154	Sk
PHOSPHORIC ACID		1		2	

Notes:

(1) Long Term Exposure Limit - 8 hour time weighted average. (2) Short Term Exposure Limit - 15 minute reference period. (3) 'SK', indicates a risk of absorption through the skin; 'Sen' indicates a respiratory sensitiser. (4) WELs are taken from 'EH40/2005'.

8.2. Exposure controls

Appropriate engineering controls

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and solvent vapour below the OEL, suitable respiratory protection must be worn.

Occupational exposure controls

Respiratory Protection:

If workers are exposed to concentrations above the exposure limit they must use appropriate, certified respirators.

Hand Protection:

Nitrile rubber - Choose gloves to protect hands against chemicals depending on the concentration and quantity of the hazardous substance and specific to place of work. For special applications, we recommend clarifying the resistance to chemicals of the aforementioned protective gloves with the glove manufacturer. The instructions and information provided by the glove manufacturer on use, storage, maintenance and replacement must be followed. Gloves should be replaced regularly and if there is any sign of damage to the glove material. Always ensure that gloves are free from defects and that they are stored and used correctly. The performance or effectiveness of the glove may be reduced by physical/chemical damage and poor maintenance. Barrier creams may help to protect the exposed areas of the skin, they should however not be applied once exposure has occurred.

Eye Protection:

Use safety eyewear designed to protect against splash of liquids.

Skin Protection:

Personnel should wear anti-static clothing made of natural fibre or of high temperature resistant synthetic fibre.

Environmental exposure controls

Do not allow to enter drains or water courses.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Liquid
Vapour density	heavier than air
Flashpoint (°C)	33
Specific Gravity (g/cm ³)	0.841
Active VOC	846

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity.

10.2. Chemical stability

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



10.3. Possibility of hazardous reactions

Keep away from oxidising agents and strongly alkaline and strongly acidic materials to prevent the possibility of exothermic reaction.

10.4. Conditions to avoid

When exposed to high temperatures may produce hazardous decomposition products

10.5. Incompatible materials

10.6. Hazardous decomposition products such as carbon monoxide and dioxide, smoke, oxides of nitrogen etc.

SECTION 11: TOXICOLOGICAL INFORMATION

There is no data available on the mixture itself.

The mixture has been assessed following the conventional method of the Dangerous Preparations Directive 1999/45/EC and classified for toxicological hazards accordingly. See Sections 2 and 3 for details.

SECTION 12: ECOLOGICAL INFORMATION

There are no data available on the mixture itself.

Do not allow to enter drains or water courses

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Do not allow to enter drains or water courses.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal. Waste codes are application specific not product specific. Waste codes should be assigned based upon the application for which the product is used.

Using information provided in this safety data sheet, advice should be obtained from the local waste authority on the classification of empty containers.

Empty containers must be scrapped or reconditioned.

Dispose of containers contaminated by the product in accordance with local or national legal provisions.

SECTION 14: TRANSPORT INFORMATION

14.1. UN Number	1263
14.2. Proper Shipping Name	Paint Related Material
14.3. Transport Hazard Class	3
14.4. Packing Group	III
14.5. Environmental hazards	
IMDG Code	N/A
	N/A
Emergency Schedule No (IMDG Onl	F-E <u>S-E</u>

14.6. Special precautions for user

Transport within the user's premises:

Always transport in closed containers that are upright and secure.

Ensure that persons transporting the product know what to do in the event of an accident or spillage.

SECTION 15: REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

SECTION 16: OTHER INFORMATION

Full text of Hazard Statements appearing in Section 2 and 3 according to Classification (1272/2008/CE)

H336	May cause drowsiness or dizziness.
H335	May cause respiratory irritation.
H332	Harmful if inhaled.



'A Global Reputation to Protect'

H319	Causes serious eye irritation.
H318	Causes serious eye damage.
H315	Causes skin irritation.
H314	Causes severe skin burns and eye damage.
H312	Harmful in contact with skin.
H302	Harmful if swallowed.
H226	Flammable liquid and vapour.
H225	Highly flammable liquid and vapour.

The information in this Safety Data Sheet is based on the present state of knowledge and current legislation. It provides guidance on health, safety and environmental aspects of the product and should not be construed as any guarantee of technical performance or suitability for particular applications. The product should not be used for purposes other than those shown in Section 1 without first referring to the supplier and obtaining written handling instructions.