



'A Global Reputation to Protect'

SECTION 1: IDENTIFICATION OF PRODUCT AND COMPANY

Code ACE26/3
 Product Name GUARD 2 PACK ETCH CHROMATE
 Intended Use Spray
 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 Sensitization | Category 1 |
| Serious eye damage / eye irritation | Category 2 |
| Hazardous to the aquatic environment | Category 2 CHRONIC |
| Flammable Liquid | Category 2 |
| Carcinogenicity | Category 1 A |

Precautionary Statements

P304/P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable f P210 Keep away from heat/sparks/open flames/hot surfaces. — No smoking.

- P233 Keep container tightly closed.
- P241 Use explosion-proof electrical/ventilating/lighting equipment.
- P261 Avoid breathing dust/fume/mist/vapours/spray.
- P264 Wash hands thoroughly after handling.
- P271 Use only outdoors or in well-ventilated area.



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- P272
- P273
- P280
- P202
- P303/P361/P353
- P501
- P305/P351/P338
- P308/P313
- P312
- P333/P313
- P337/P313
- P363
- P370/P378
- P391
- P403/P235
- P405
- P302/P352

SECTION 3: COMPOSITION / INFORMATION ON INGREDIE

| Hazardous Ingredients | CAS Number | EC Number | Index Number | Content |
|---|------------|-------------------------------------|--------------|---------|
| C.I. PIGMENTS YELLOW 36:1 | 49663-84-5 | 256-418-0 | | 2.5-10% |
| Carc. 1A H350 Aquatic Acute 1 H400 Aquatic Chronic 1 H410 | | Acute Tox. 4 H302 Skin Sens. 1 H317 | | |
| BUTANONE | 78-93-3 | 201-159-0 | 606-002-00-3 | 25-50% |
| Flam. Liq. 2 H225 Eye Irrit. 2 H319 STOT SE 3 H336 | | | | |
| ISOPROPYL ALCOHOL | 67-63-0 | 200-661-7 | 603-117-00-0 | 25-50% |
| Flam. Liq. 2 H225 Eye Irrit. 2 H319 STOT SE 3 H335 | | | | |
| N-BUTANOL | 71-36-3 | 200-751-6 | 603-004-00-6 | <1% |
| Flam. Liq. 3 H226 Acute Tox. 4 H302 STOT SE 3 H335 Skin Irrit. 2 H315 Eye Dam. 1 H318 STOT SE 3 H | | | | |

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

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): Spray

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1. Control parameters

Limits for occupational exposure and / or biological limit values

| Hazardous Ingredients C.I. PIGMENTS YELLOW 36:1 | WorkPlace Exposure Limits | | | | Notations ⁽³⁾ |
|--|---------------------------|----------------------|----------------------------|----------------------|--------------------------|
| | 8 Hour TWA ⁽¹⁾ | | 15 Min STEL ⁽²⁾ | | |
| | ppm | mg/m ³⁽⁴⁾ | ppm | mg/m ³⁽⁴⁾ | |
| BUTANONE | 200 | 600 | 300 | 899 | Sk |
| ISOPROPYL ALCOHOL | 400 | 999 | 500 | 1250 | |
| N-BUTANOL | | | 50 | 154 | Sk |

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) | -7 |
| Specific Gravity (g/cm ³) | 0.927 |
| Active VOC | 698 |

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 |



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| | |
|---|---|
| 14.3. Transport Hazard Class | 3 |
| 14.4. Packing Group | II |
| 14.5. Environmental hazards | |
| IMDG Code | Marine Pollutant (C.I. PIGMENTS YELLOW 36:1) |
| 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)

| | |
|------|---|
| H411 | Toxic to aquatic life with long lasting. |
| H410 | Very toxic to aquatic life with long lasting effects. |
| H400 | Very toxic to aquatic life. |
| H350 | May cause cancer. |
| H336 | May cause drowsiness or dizziness. |
| H335 | May cause respiratory irritation. |
| H332 | Harmful if inhaled. |
| H319 | Causes serious eye irritation. |
| H318 | Causes serious eye damage. |
| H317 | May cause an allergic skin reaction. |
| H315 | Causes skin irritation. |
| H312 | Harmful in contact with skin. |
| H302 | Harmful if swallowed. |
| H226 | Flammable liquid and vapour. |
| H225 | Highly flammable liquid and vapour. |

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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.