

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Product name: GREEN
Product code: P04.B62
Print Date: 15/Aug/2011
Revision Date: 01/Jul/2008
Recommended use: For coating metal containers and similar products.

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2. HAZARDS IDENTIFICATION

REGULATION (EC) No 1272/2008

Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2

Label Elements



Signal word: Warning

Hazard statements

H315 - Causes skin irritation
 H319 - Causes serious eye irritation

Precautionary additional statements

P302+ P352 - IF ON SKIN: Wash with plenty of soap and water
 P321 - Specific treatment (see supplemental first aid instructions on this label)
 P332 + P313 - If skin irritation occurs: Get medical advice/attention.
 P362 - Take off contaminated clothing and wash before reuse
 P264 - Wash face, hands and any exposed skin thoroughly after handling
 P280 - Wear protective gloves/protective clothing/eye protection/face protection.
 P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
 P337 + P313 - If eye irritation persists: Get medical advice/attention.

3. COMPOSITION/INFORMATION ON INGREDIENTS
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Ingredient Name CAS-No.	Approx. Weight %	GHS / CLP Substance Classification
2-BUTOXYETHANOL 111-76-2	5 - 10	Acute Tox. 4 (H302) Acute Tox. 4 (H312) Skin Irrit. 2 (H315) Acute Tox. 4 (H332) Eye Irrit. 2 (H319)
TIN DIOXIDE 18282-10-5	0.1 - 1	STOT SE 3 (H335)

For the full text of the R-phrases mentioned in this Section, see Section 16

4. FIRST AID MEASURES

General

If symptoms persist, call a physician. Never give anything by mouth to an unconscious person.

Inhalation:

Move to fresh air. If victim is unconscious but breathing: Victim to lie down in the recovery position, cover and keep him warm. If not breathing, give artificial respiration. Obtain medical attention.

Skin:

Take off all contaminated clothing immediately. Wash off immediately with soap and plenty of water. Do NOT use solvents or thinners.

Eyes:

Remove contact lenses. In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Keep eye wide open while rinsing.

Ingestion:

Keep at rest. If swallowed, seek medical advice immediately and show this container or label. Do NOT induce vomiting.

5. FIRE-FIGHTING MEASURES

The following actions are recommended

Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire will produce dense black smoke containing hazardous combustion products (see heading 10). Wear self contained breathing apparatus for fire fighting if necessary. Cool containers / tanks with water spray.

Suitable extinguishing media

Alcohol-resistant foam
 Carbon dioxide blanket
 High pressure inert gas, e.g. carbon dioxide jet.
 Water spray
 Mist
 Foam

Extinguishing media which must not be used:

High volume water jet

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:

Exclude non essential personnel. Remove all sources of ignition. Ensure adequate ventilation. Do not breathe dust.

Environmental precautions:

Local authorities should be advised if significant spillages cannot be contained.

Methods for cleaning up:

Use approved industrial vacuum cleaner for removal. Do not create a powder cloud by using a brush or compressed air.

7. HANDLING AND STORAGE

Handling:

Provide adequate ventilation. Keep container tightly closed. Keep away from open flames, hot surfaces and sources of ignition. Avoid contact with skin and eyes. When using, do not eat, drink or smoke. Store in original container. Avoid dust formation. Dust may form explosive mixture in air. Do not breathe dust.

Storage:

Containers which are opened must be carefully resealed and kept upright to prevent leakage. Take notice of the directions of use on the label. Keep in a dry, cool and well-ventilated place. Keep away from direct sunlight.

Storage temperature: 10 - 30 C

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure limits:

China

ACGIH Threshold Limit Value (TLV's)

Ingredient Name CAS-No.	ACGIH time weighted averages	ACGIH short term exposure limits	ACGIH Ceiling limits	ACGIH skin designations
2-BUTOXYETHANOL 111-76-2	20 ppm TWA			
TIN DIOXIDE 18282-10-5	2 mg/m ³ TWA Sn except Tin hydride			

Engineering measures:

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.

Basic Personal Protection

Respiration

Wear a positive-pressure supplied-air respirator.

Hand protection:

Wear suitable gloves and eye/face protection. Use protective skin cream before handling the product.

Skin:

Wear as appropriate: Flame retardant antistatic protective clothing Wear shoes with conductive soles.

Eyes:

Wear as appropriate: Safety glasses with side-shields Goggles

Hygiene measures:

Do not use solvents or thinners to clean skin. When using, do not eat, drink or smoke. Wash hands before breaks and at the end of workday.

The OES for nuisance dust is 10 mg/m³ (total dust), 4 mg/m³ (respirable dust). Check local regulations in case different limits apply.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	powder
Specific Gravity	2.6
Boiling point/range	77°C
Flash point:	94°C c.c.
Sustains combustion:	yes

10. STABILITY AND REACTIVITY

Stability:

Stable under normal conditions.

Conditions to avoid:

Stable under recommended storage conditions.

Materials to avoid:

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

Hazardous decomposition products:

Hazardous decomposition products may be produced when the recommended processing temperatures or times are exceeded. Carbon monoxide Carbon dioxide (CO₂) Smoke nitrogen oxides (NO_x)

11. TOXICOLOGICAL INFORMATION

Ingredient Name CAS-No.	LD50 Oral	LD50 Dermal	LC50 Inhalation
2-BUTOXYETHANOL 111-76-2	470 mg/kg (Rat)	220 mg/kg (Rabbit) 2270 mg/kg (Rat)	2.21 mg/L (Rat) 4 h 450 ppm (Rat) 4 h
TIN DIOXIDE 18282-10-5	20 g/kg (Rat)		

General

No data is available on the product itself.

Skin

Powder can cause localised skin irritation in folds of the skin or under tight clothing.

Inhalation

not determined

Ingestion

not determined

Eyes

not determined

12. ECOLOGICAL INFORMATION

Ingredient Name CAS-No.	Freshwater Algae 72 hour - Acute Toxicity Data	Acute Fish toxicity:	Freshwater Daphnia 48 hour - Acute Toxicity Data	Freshwater Water Flea 48 hour - Acute Toxicity Data
2-BUTOXYETHANOL 111-76-2		= 1490 mg/L Lepomis macrochirus = 2950 mg/L Lepomis macrochirus	> 1000 mg/L Daphnia magna	

Product Information

No data is available on the product itself.

Local pollution requirements may apply to the use of this product. Do not let product enter drains. Do not contaminate surface water.

13. DISPOSAL CONSIDERATIONS

Waste disposal methods:

Do not let product enter drains. Do not contaminate ponds, waterways or ditches with chemical or used container. Where possible recycling is preferred to disposal or incineration. Dispose of as special waste in compliance with local and national regulations.

14. TRANSPORT INFORMATION

ADR

Proper shipping name: NOT REGULATED

IMDG-Code

Proper shipping name: NOT REGULATED
Marine pollutant no

14. TRANSPORT INFORMATION

IATA-DGR

Proper shipping name: NOT REGULATED

15. REGULATORY INFORMATION

No information available

16. OTHER INFORMATION

Full text of H-Statements referred to under sections 2 and 3

- H302 - Harmful if swallowed
- H312 - Harmful in contact with skin
- H315 - Causes skin irritation
- H332 - Harmful if inhaled
- H319 - Causes serious eye irritation
- H335 - May cause respiratory irritation