

Ref. 130000005864/

Rev. no. 1.1

Prepared Date. 15.10.2013

Review Date. 16.12.2015

Material Safety Data Sheet

StoColor X-Black

1. IDENTIFICATION OF THE SUBSTANCE OR MIXTURE AND OF THE SUPPLIER

Product name: StoColor X-Black

Recommended use: Façade Paint

Company details: Stoanz Australia Ltd

Address: 7 Mitchell Street, Marrickville NSW, 2204, Australia

Telephone number: +61 2 9560 9589

Emergency telephone no: Nation Poisons Centre, +61 13 11 26

2. HAZARDS IDENTIFICATION

Hazard classification: Non Hazardous according to AU Regulations.
Not regulated for land transportation.

Hazard statement code: H402: Harmful to aquatic life
H413: May cause long-lasting harmful effects to aquatic life

Prevention statements: P261: Avoid breathing dust/fumes/gas/mist/vapours/spray.
P270: Do not eat, drink or smoke when using this product.
P273: Avoid release to the environment.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P284: In case of inadequate ventilation wear respiratory protection.

Response statements: P301+330+331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P302+352+361: IF ON SKIN: Wash with plenty of water. Take off immediately all contaminated clothing.
P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.
P304+340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

Storage: P401: Store in original container

Disposal: P501: Dispose of contents/container to authorised chemical landfill or if organic to high temperature incineration

3. COMPOSITION/INFORMATION ON INGREDIENTS

Description: Water based dispersion paint for exterior use.

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Component	CAS Number	Content
3-(4-isopropylphenyl)-1, 1-dimethylurea	34123-59-6	≥ 0.025 - <0.25
2-tert-Butylamino-4-ethylamino-6-methylthio-1,3,5-triazine	886-50-0	≥ 0.025 - <0.25

4. FIRST AID MEASURES

Description of necessary first aid measures: In the case of accident or if you unwell, seek medical advice immediately (show the label where possible).
Never give anything by mouth to an unconscious person. If unconscious place in recovery position and seek medical advice.

Workplace facilities required instructions:

Inhalation
Move to fresh air.
Keep patient warm and at rest.
If breathing is irregular or stopped, administer artificial respiration.
If symptoms persist, call a physician.

Skin Contact
Wash off immediately with soap and plenty of water.
DO NOT use solvents or thinners.
Take off all contaminated clothing and shoes immediately.
Wash clothing before reuse
If skin irritation persists, call a physician.

Eye Contact
Remove contact lens.
Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
Consult a physician.

Ingestion
Clean mouth with water and drink plenty of water afterwards.
DO NOT induce vomiting.
Obtain medical attention.
Keep at rest.

5. FIRE FIGHTING MEASURES

Type of hazard: Fire will produce dense black smoke containing hazardous combustion products.
Exposure to decomposition products may be a health hazard.

Fire hazard properties extinguishing media & methods: DO NOT use High Volume Water Jet as an extinguishing media.
Use Alcohol-Resistant Foam, Carbon Dioxide (CO2), Dry Chemical or Water Spray as an extinguishing media.
Water mist may be may be used to cool closed containers.
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

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Protective clothing: Wear self-contained breathing apparatus for firefighting if necessary.

6. ACCIDENTAL RELEASE MEASURES

Procedures to be covered: Environmental Precautions
 The product should not be allowed to enter drains, water courses or the soil.
 If the product contaminates rivers, lakes or drains inform respective authorities.

Methods for Cleaning Up
 Contain and collect spillage with non-combustible absorbent material, (eg. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations.

Clean with detergents. Avoid solvents. Dispose contaminated material as waste according to section 13. Clean contaminated surface thoroughly.

7. HANDLING AND STORAGE

Handling Practices: Advice on safe handling
 Smoking, eating and drinking should be prohibited in the application area.
 Keep away from food, drink and animal feeding stuffs.
 Avoid contact with skin and eyes.
 Provide sufficient air exchange and/or exhaust in work rooms.
 Comply with the health and safety at work laws.

Advice on protection against fire and explosion
 When exposed to high temperatures may produce hazardous decomposition products such as carbon monoxide and dioxide, smoke oxides of nitrogen.

Storage: Requirements for storage areas and containers
 Prevent unauthorized access
 Containers which are opened must be carefully resealed and kept upright to prevent leakage.
 Store in original containers.
 Protect from frost, heat and sunlight.

Advice on Common Storage
 Keep away from oxidising agents and strongly acid or alkaline materials.

Specific Use(s)
 For further information, also see the Technical Data Sheet.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Workplace exposure guidelines: Note: Contains no substances with community workplace limits. Observe country-specific regulations

Exposure standards:

Personal protective equipment (PPE): Ensure good ventilation; if possible, use / install internal extractor equipment.

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Specification for equipment: Respiratory Protection

No personal respiratory protective equipment normally required.
 In case of insufficient ventilation wear suitable respiratory equipment.
 Employees who are spraying or are working in immediate nearness, use a particle filter P2 against spray fog.

Hand Protection

Protective gloves not normally necessary.
 Protective gloves should be worn during spraying work.

Nitrile Rubber

Break through time: 480 min

Minimum Thickness: 0.11 mm

Cotton undergloves are recommendable when wearing protective gloves. Skin that comes into contact with the product should be treated with protective cream. After a contact, it should under no circumstances be used.

The selected protective gloves have to satisfy the specifications of EU Directive 89/689/EEC and the standard EN 374 derived from it.

The choice of an appropriate glove does not only depend on its material but also on other quality features and is different from one producer to the other.

Observe manufacturer's recommendations.

Eye Protective

Wear protective goggles for protective against liquid spray.

Body Protection

Protective Suit

Skin should be washed after contact.

DO NOT use solvents or thinners.

General hygiene:

Wash hands before breaks and at the end of the workday.
 Remove and wash contaminated clothing and gloves, including the inside, before re-use.
 Avoid contact with the skin and the eyes.
 Keep away from food, drink and animal feeding stuffs.
 When using, DO NOT eat, drink or smoke.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Viscous
Colour:	White
Odour:	Weak, Characteristic
Odour Threshold:	No data available
pH:	ca. 7.5 – 8.5 at 20°C
Melting Point/Freezing Point:	< 0°C
Initial Boiling Point & Boiling Range:	No data available

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Flash point:	> 100°C
Evaporation rate	Not applicable
Flammability (solid, gas):	The product is not flammable
Lower Explosion Limit:	No data available
Upper Explosion Limit:	No data available
Vapour Pressure:	No data available
Vapour Density:	No data available
Density:	ca. 1.45 g/cm ³ at 20°C
Solubility(ies)(Water):	Completely miscible
Partition coefficient: n-octanol/water	Not determined
Auto-ignition Temperature:	Not auto-flammable
Ignition Temperature:	No data available
Decomposition Temperature:	No data available
Viscosity: (dynamic)	ca. 2.300 mPa.s at 20°C
Explosive Properties:	Not explosive
Oxidizing Properties:	Not applicable
Flow Time:	No data available

10. STABILITY AND REACTIVITY

Thermal decomposition: No decomposition if stored and applied as directed.

Hazardous reactions: Fire will produce dense black smoke containing hazardous combustion products.

Hazard decomposition: No decomposition if stored and applied as directed.

11. TOXICOLOGICAL INFORMATION

Data and interpretation:

Acute Oral Toxicity
Based on available data, the classification criteria are not met.

Acute Inhalation Toxicity
Based on available data, the classification criteria are not met.

Acute Dermal Toxicity
Based on available data, the classification criteria are not met.

Skin Corrosion/Irritation
Based on available data, the classification criteria are not met.

Serious Eye Damage/Eye Irritation

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Based on available data, the classification criteria are not met.

Respiratory or Skin Sensitisation

Based on available data, the classification criteria are not met.

Germ Cell Mutagenicity – Genotoxicity in vitro

Based on available data, the classification criteria are not met.

Germ Cell Mutagenicity – Carcinogenicity

Based on available data, the classification criteria are not met.

Reproductive Toxicity – Effects on Fertility

Based on available data, the classification criteria are not met.

Reproductive Toxicity – Developmental Toxicity

Based on available data, the classification criteria are not met.

STOT – Single Exposure

May cause respiratory irritation.

STOT – Repeated Exposure

Based on available data, the classification criteria are not met.

Aspiration Hazard

Based on available data, the classification criteria are not met.

Other Information

The product itself has not been tested. The mixture is classified in accordance with Annex I to EC Directive 1272/2008.

Components:

3-(4-isopropylphenyl)-1,1-dimethylurea

Carcinogenicity – Limited evidence of a carcinogenic effect.

2-tert-Butylamino-4-ethylamino-6-methylthio-1,3,5-triazine

Acute Oral Toxicity - LD50 rat: 1.000 - 1.470 mg/kg

Acute Inhalation Toxicity – LD50 rat: > 2.000 mg/kg – Exposure time: 4h

Acute Dermal Toxicity - LD50 Rabbit: > 2.000 mg/kg

12. ECOLOGICAL INFORMATION

Eco-toxicological effects: DO NOT flush into surface water or sanitary sewer system.
Harmful to aquatic organisms.
May cause long term adverse effects in the aquatic environment.

Toxicity: Toxicity to Fish - Product
No data available

3-(4-isopropylphenyl)-1,1-dimethylurea

Toxicity to Algae

EC 50

Species: Scenedesmus Quadricauda (Green Algae)

Dose: 0.02 mg/l

Exposure time: 96 h

Toxicity to Daphnia & Other Aquatic Invertebrates

EC 50

Species: Daphnia Magna (Water Flea)

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Dose: > 1.0 mg/l
 Exposure time: 48 h
M-Factor (Acute Aquatic Toxicity)
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2-tert-Butylamino-4-ethylamino-6-methylthio-1,3,5-triazine

Toxicity to Fish

LC 50
 Species: Lepomis Macrochirus (Bluegill sunfish)
 Dose: 1.3 mg/l
 Exposure time: 96 h

Toxicity to Daphnia & Other Aquatic Invertebrates

EC 50
 Species: Daphnia
 Dose: 2.66 mg/l
 Exposure time: 48 h

Toxicity to Algae

EC 50
 Species: Selenastrum Capricornutum (Green Algae)
 Dose: 0.013 mg/l
 Exposure time: 72 h

M-Factor (Acute Aquatic Toxicity)

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Toxicity to Bacteria

LC 50
 Species: Bacteria
 Dose: > 1.000 mg/l
 Exposure time: 3 h

Toxicity to Fish (Chronic Toxicity)

NOEC: 0.01 mg/l
 Species: Oncorhynchus Mykiss (rainbow trout)
 Exposure time: 21 d

Toxicity to Daphnia & Other Aquatic Invertebrates (Chronic Toxicity)

NOEC: 1.3 mg/l
 Species: Daphnia Magna (Water Flea)
 Exposure time: 21 d

M-Factor (Chronic Aquatic Toxicity)

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Persistence & Degradability

Product: Biodegradability

No data available

2-tert-Butylamino-4-ethylamino-6-methylthio-1,3,5-triazine: Biodegradability

Result : Not rapidly degradable

Bio accumulative Potential

Product: Bioaccumulation

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Partition coefficient: n-octanol/water – not determined
 3-(4-isopropylphenyl)-1,1-dimethylurea: Bioaccumulation
 Partition coefficient: n-octanol/water – log Pow: 2.5
 2-tert-Butylamino-4-ethylamino-6-methylthio-1,3,5-triazine: Bioaccumulation
 Partition coefficient: n-octanol/water – log Pow: 3.65 – 3.74

Mobility in Soil

Product: Mobility
 Not Applicable

Results of PBT & vPvB Assessment

Product: Assessment
 This substance/mixture contains no components considered to be either persistent, bio accumulating nor toxic (PBT), or very persistent and very bio accumulative (vPvB) at levels of 0.1% or higher.

13. DISPOSAL CONSIDERATIONS

Product: The user is responsible for proper coding and marking of any waste.
 With recommended use, the waste code can be selected according to the code of the European Waste Catalogue (EWC), category 17.09 “Other Construction and Demolition Waste”
 Unhardened leftover product should be disposed of under the recommended waste code.

Un-cleaned packaging: Empty packaging should be recycled through disposal systems.

Code of waste (EWC): 08.01.12: waste paint and varnish other than those mentioned in 08.01.11

14. TRANSPORT INFORMATION

Overland transport: Not dangerous goods in the meaning of ADR/RID, ADNR, IMDG-Code, ICAO/IATA-DGR

Shipment by sea: (IMDG/GGVSee) Not dangerous goods in the meaning of ADR/RID, ADNR, IMDG-Code, ICAO/IATA-DGR

Air transport: (ICAO/IATA) Not dangerous goods in the meaning of ADR/RID, ADNR, IMDG-Code, ICAO/IATA-DGR

Remarks:

15. REGULATORY INFORMATION

HSNO approval number: Non Hazardous according to NZ HSNO Regulations

HSNO controls: Non Hazardous according to NZ HSNO Regulations

Occupational restrictions: Non Hazardous according to NZ HSNO Regulations

16. OTHER INFORMATION

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Miscellaneous information: It is possible in the interim period that you will find different markings on packaging compared with the Material Safety Data Sheet until stocks have been depleted. We ask for your understanding in this matter.

Changes from the previous version are indicated with markings on the left ed. The details in this Safety Data Sheet are equivalent to our current knowledge and comply with the national as well as the EC legislation. The working conditions of the user however escape our knowledge and control. The user is responsible for the observance of all necessary legal regulations. The details in this Safety Data Sheet describe the safety requirements of our product and are no guarantee for the product characteristics.

References: