

SAFETY DATA SHEET

SMART TACK BULK TANK

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Issued: 16/05/2003

Revision No: 1

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

Product name: SMART TACK BULK TANK

Product code: SMARTBULKCL, GN

Use / description of product: Extremely flammable. Harmful.

Company name: EVERBUILD BUILDING PRODUCTS LTD

SITE 41 KNOWSTHORPE WAY

CROSS GREEN INDUSTRIAL ESTATE

LEEDS

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2. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredients: BUTANE 10-30%

CAS: 106-97-8

EINECS: 203-448-7

[F+] R12

- DICHLOROMETHANE 30-50%

CAS: 75-09-2

EINECS: 200-838-9

[Xn] R40

3. HAZARDS IDENTIFICATION

Main hazards: Extremely flammable. Limited evidence of a carcinogenic effect.

Other hazards: In use, may form flammable / explosive vapour-air mixture.

4. FIRST AID MEASURES (SYMPTOMS)

Skin contact: There may be irritation and redness at the site of contact. Absorption through the skin may occur causing symptoms similar to those of inhalation. Absorption through the skin may cause damage to the liver.

Eye contact: There may be irritation and redness. The eyes may water profusely.

Ingestion: There may be soreness and redness of the mouth and throat.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing. There may be drowsiness, slurred speech, muscular weakness, muscle twitching, tremor, blurred vision, dilated pupils and shock.

4. FIRST AID MEASURES (ACTION)

Skin contact: Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water.

[cont...]

Eye contact: Bathe the eye with running water for 15 minutes. Consult a doctor.

Ingestion: Wash out mouth with water. Consult a doctor.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

5. FIRE-FIGHTING MEASURES

Extinguishing media: Alcohol resistant foam. Water spray. Carbon dioxide. Dry chemical powder. Use water spray to cool containers.

Exposure hazards: Extremely flammable. In combustion emits toxic fumes. Forms explosive air-vapour mixture. Vapour may travel considerable distance to source of ignition and flash back.

Protection of fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Refer to section 8 of SDS for personal protection details. If outside do not approach from downwind. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Turn leaking containers leak-side up to prevent the escape of liquid. Eliminate all sources of ignition.

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method. Do not use equipment in clean-up procedure which may produce sparks.

7. HANDLING AND STORAGE

Handling requirements: Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Avoid the formation or spread of mists in the air. Smoking is forbidden. Use non-sparking tools.

Storage conditions: Store in cool, well ventilated area. Keep container tightly closed. Keep away from sources of ignition. Prevent the build up of electrostatic charge in the immediate area. Ensure lighting and electrical equipment are not a source of ignition. Store in original containers between +5 and +25°C. Storage outside these parameters will dramatically reduce shelf life and invalidates all product warranties.

Suitable packaging: Must only be kept in original packaging.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Ingredients: BUTANE

TWA (8 hr exposure limit): 1450 mg/m³ STEL (15 min exposure limit): 1810 mg/m³ (OES)

- DICHLOROMETHANE

TWA (8 hr exposure limit): 350 mg/m³ STEL (15 min exposure limit): 1060 mg/m³ (OES)

Engineering measures: Ensure there is sufficient ventilation of the area. Ensure lighting and electrical equipment are not a source of ignition.

Respiratory protection: Gas/vapour filter, type A: organic vapours (EN141). Self-contained breathing apparatus must be available in case of emergency.

Hand protection: Protective gloves.

Eye protection: Safety glasses. Ensure eye bath is to hand.

Skin protection: Protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

State: Aerosol

Colour: Green-blue

Odour: Characteristic odour

Evaporation rate: Fast

Oxidising: Non-oxidising (by EC criteria)

Solubility in water: Slightly soluble

Also soluble in: Most organic solvents.

Viscosity: Non-viscous

Viscosity value: 80mpas

Melting point/range°C: N/D

Flammability limits %: lower: 1.8

upper: 9.5

Flash point°C: -40

Part.coeff. n-octanol/water: -

Autoflammability°C: >200

Vapour pressure: -

Relative density: 0.81

pH: Not app

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions. Stable at room temperature.

Conditions to avoid: Heat. Hot surfaces. Sources of ignition. Flames.

Materials to avoid: Strong oxidising agents. Strong acids.

Haz. decomp. products: In combustion emits toxic fumes.

11. TOXICOLOGICAL INFORMATION

Ingredients: DICHLOROMETHANE

ORL MUS LD50 4770 mg/kg

ORL RAT LD50 5350 mg/kg

SCU MUS LD50 6460 mg/kg

Chronic toxicity: Danger of serious damage to health by prolonged exposure through inhalation.

Routes of exposure: Refer to section 4 of SDS for routes of exposure and corresponding symptoms.

12. ECOLOGICAL INFORMATION

Mobility: Readily absorbed into soil.

Persistence and degradability: No data available.

Bioaccumulative potential: No data available.**Other adverse effects:** No data available.**13. DISPOSAL CONSIDERATIONS****Disposal operations:** Dispose of according to local or national legislation**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.**14. TRANSPORT INFORMATION****ADR / RID****UN no:** 3161**ADR Class:** 2**Classification code:** 2F**Shipping name:** LIQUEFIED GAS, FLAMMABLE, N.O.S.**Labelling:** 2.1**Hazard ID no:** 23**IMDG / IMO****UN no:** 3161**Class:** 2.1**EmS:** 2-07**Marine pollutant:** .**Labelling:** 2.1**IATA / ICAO****UN no:** 3161**Class:** 2**Packing instructions:** FORBIDDEN(P&CA); 200**Labelling:** 2.1**15. REGULATORY INFORMATION****Hazard symbols:** Extremely flammable.

Harmful.

**Risk phrases:** R12: Extremely flammable.

R40: Limited evidence of a carcinogenic effect.

Safety phrases: S16: Keep away from sources of ignition - No smoking.

S23: Do not breathe vapour/spray

S24: Avoid contact with skin.

S36/37/39: Wear suitable protective clothing, gloves and eye / face protection.

S51: Use only in well-ventilated areas.

S9: Keep container in a well-ventilated place.

[cont...]

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Precautionary phrases: Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.

Do not spray on a naked flame or any incandescent material. Keep away from sources of ignition - No smoking. Keep out of the reach of children.

Note: The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

16. ADDITIONAL INFORMATION

Risk phrases used in s.2: R12: Extremely flammable.

R40: Limited evidence of a carcinogenic effect.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.