

SAFETY DATA SHEET

ACTIVATOR A455

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Issued: 13/06/06

Revision No: 1

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

Product name: ACTIVATOR A455
CAS number: none
Product code: A455
Company name: Holdtite Adhesives
Ninth Avenue East
Team Valley Trading Estate
Gateshead
Tyne and Wear
NE11 0EG
Tel: 0191 491 4433
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2. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous ingredients: HEPTANE >70%
EINECS: 205-563-8 CAS: 142-82-5
[F] R11; [Xi] R38; [N] R50/53; [Xn] R65; [-] R67

- N,N-DIALKYL TOLUIDINE <1%
EINECS: 202-805-4 CAS: 99-97-8
[T] R23/24/25; [Xn] R33; [-] R52/53

3. HAZARDS IDENTIFICATION

Main hazards: Highly flammable. Irritating to skin. Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Harmful: may cause lung damage if swallowed.
Vapours may cause drowsiness and dizziness.

Other hazards: The flash point is below -5 C, The solvents have a defatting action on the skin making it susceptible to sensitisation /dermatic effect in certain sensitive individuals

4. FIRST AID MEASURES (SYMPTOMS)

Skin contact: There may be redness or whiteness of the skin in the area of exposure.
Eye contact: There may be irritation and pain.
Ingestion: The casualty may appear intoxicated.
Inhalation: Drowsiness or mental confusion may occur.

4. FIRST AID MEASURES (ACTION)

Skin contact: Remove all contaminated clothes and footwear immediately unless stuck to skin. Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Transfer to hospital if there are burns or symptoms of poisoning.
Eye contact: Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.

[cont...]

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Ingestion: Do not induce vomiting. If conscious, give half a litre of water to drink immediately. If unconscious, check for breathing and apply artificial respiration if necessary. If unconscious and breathing is OK, place in the recovery position. Transfer to hospital as soon as possible.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. If unconscious, check for breathing and apply artificial respiration if necessary. If unconscious and breathing is OK, place in the recovery position. If conscious, ensure the casualty sits or lies down. If breathing becomes bubbly, have the casualty sit and provide oxygen if available. Transfer to hospital as soon as possible.

5. FIRE-FIGHTING MEASURES

Extinguishing media: Use water spray to cool containers. Dry chemical powder. Carbon dioxide.

Exposure hazards: In combustion emits toxic fumes.

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.

Environmental precautions: Do not discharge into drains or rivers.

Clean-up procedures: Absorb into dry earth or sand.

7. HANDLING AND STORAGE

Handling requirements: Ensure there is sufficient ventilation of the area. Avoid direct contact with the substance.

Storage conditions: Store in cool, well ventilated area. Keep container tightly closed.

Suitable packaging: Must only be kept in original packaging.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures: Ensure there is sufficient ventilation of the area.

Respiratory protection: Self-contained breathing apparatus must be used in handling.

Hand protection: Protective gloves.

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

Skin protection: Protective clothing with elasticated cuffs and closed neck. Boots made of PVC.

9. PHYSICAL AND CHEMICAL PROPERTIES

State: Liquid

Colour: Colourless

Odour: Perceptible odour

Evaporation rate: Fast

Oxidising: Oxidising (by EC criteria)

Solubility in water: Insoluble

Also soluble in: Acetone.

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Viscosity: Non-viscous**Boiling point/range°C:** 95C**Melting point/range°C:** not est**Flammability limits %: lower:** 1%**upper:** 8%**Flash point°C:** -10**Autoflammability°C:** not est**Vapour pressure:** 35mmHg@20C**Relative density:** app0.82**pH:** n/a**10. STABILITY AND REACTIVITY****Stability:** Stable under normal conditions.**Conditions to avoid:** Direct sunlight. Heat. Hot surfaces. Sources of ignition.**Materials to avoid:** Oxidising agents. Amines. Alkali earth metals.**Haz. decomp. products:** In combustion emits toxic fumes of carbon dioxide / carbon monoxide.**11. TOXICOLOGICAL INFORMATION****Hazardous ingredients:** HEPTANE
IVN MUS LD50 222 mg/kg**Chronic toxicity:** May cause sensitisation by skin contact. Danger of serious damage to health by prolonged exposure if swallowed.**12. ECOLOGICAL INFORMATION****Mobility:** Insoluble in water.**Persistence and degradability:** not established**Bioaccumulative potential:** NOT ESTABLISHED**13. DISPOSAL CONSIDERATIONS****Disposal of packaging:** Burn in a chemical incinerator equipped with afterburners and scrubbers. Dispose of in a regulated landfill site or other method for hazardous or toxic wastes.**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:** 1206**ADR Class:** 3.2**Shipping name:** HEPTANE flammable liquid class 3 pack group 11
not restricted for volumes below 1 litre.

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IMDG / IMO

UN no: 1206 **Class:** 3.2
Packing group: II **Marine pollutant:** NO

IATA / ICAO

UN no: 1206 **Class:** 3.2
Packing group: II

15. REGULATORY INFORMATION

Hazard symbols: Highly flammable.
 Dangerous for the environment.
 Harmful.



Risk phrases: R11: Highly flammable.
 R38: Irritating to skin.
 R50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
 R65: Harmful: may cause lung damage if swallowed.
 R67: Vapours may cause drowsiness and dizziness.

Safety phrases: S61: Avoid release to the environment. Refer to special instructions / safety data sheets.

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. OTHER INFORMATION

Other information: The solvents can have a defatting action on the skin making it susceptible to sensitisation /dermatic effect especially in sensitive individuals

THIS DATA SHEET IS ISSUED IN ACCORDANCE WITH THE EUROPEAN (CHIPS 3.1) DIRECTIVE 2004/73/EC (29 ATP) on 29th april 2005 AND BECOMES / IS EFFECTIVE FROM 31 october 2005 .

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R23/24/25: Toxic by inhalation, in contact with skin and if swallowed.

R33: Danger of cumulative effects.

R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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.