

M A T E R I A L S A F E T Y D A T A S H E E T

MEDIUM UNIVERSAL ACTIVATOR E9980

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10/11/2010

PRODUCT NAME: MEDIUM UNIVERSAL ACTIVATOR
PRODUCT CODE: E9980

HMIS RATING

Health: 2
Flammability: 3
Physical Hazard: 1
Personal Protection: H

1. MANUFACTURER IDENTIFICATION

MANUFACTURED FOR : High Teck Quality Products
ADDRESS : West Palm Beach, FL 33413
EMERGENCY PHONE : (800)424-9300 DATE PRINTED : 10/11/2010
INFORMATION PHONE : (877)900-8325 PREPARER NAME : MSDS Coordinator

2. HAZARDS IDENTIFICATION

Main hazards: Flammable. Harmful by inhalation. Irritating to skin. May cause sensitization by inhalation and skin contact. Other hazards: May cause sensitization by skin contact.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous ingredients: N-BUTYL ACETATE 10-30%
EINECS: 204-658-1 CAS: 123-86-4
[-] R10; [-] R66; [-] R67
• XYLENE 10-30%
EINECS: 215-535-7 CAS: 1330-20-7
[-] R10; [Xn] R20/21; [Xi] R38
• 2-METHOXY-1-METHYLETHYL ACETATE 10-30%
EINECS: 203-603-9 CAS: 108-65-6
[-] R10; [Xi] R36
• HEXAMETHYLENE DIISOCYANATE OLIGOMERS 30-50%
EINECS: 500-060-2 CAS: 28182-81-2
[Sens.] R43

4. FIRST AID MEASURES (SYMPTOMS)

Skin contact: There may be irritation and redness at the site of contact.
Eye contact: There may be irritation and redness.
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.

4. FIRST AID MEASURES (ACTION)

Skin contact: Wash immediately with plenty of soap and water. Remove all contaminated clothes and footwear immediately unless stuck to skin.
Eye contact: Bathe the eye with running water for 15 minutes. Consult a doctor.
Ingestion: Do not induce vomiting. 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: Carbon dioxide. Dry chemical powder. Alcohol or polymer foam. Do not use water.
Exposure hazards: Flammable. In combustion emits toxic fumes of carbon dioxide / carbon monoxide.
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. Contain the spillage using bunding.

Clean-up procedures: Absorb into dry earth or sand. Wash the spillage site with large amounts of water.

7. HANDLING AND STORAGE

Handling requirements: Ensure there is sufficient ventilation of the area. Smoking is forbidden.

Storage conditions: Store in cool, well ventilated area. Keep away from sources of ignition. Keep container tightly closed.

Suitable packaging: Must only be kept in original packaging.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Workplace exposure limits

WEL (8 hr TWA): 0.02 mg/m³

WEL (15 min STEL): 0.07 mg/m³

Hazardous ingredients: N-BUTYL ACETATE

WEL (8 hr TWA): 724 mg/m³ WEL (15 min STEL): 966 mg/m³

XYLENE

WEL (8 hr TWA): 220 mg/m³ WEL (15 min STEL): 441 mg/m³

2-METHOXY-1-METHYLETHYL ACETATE

WEL (8 hr TWA): 274 mg/m³ WEL (15 min STEL): 548 mg/m³

HEXAMETHYLENE DIISOCYANATE OLIGOMERS

WEL (8 hr TWA): 0.02 - 0.07 mg/m³

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

Respiratory protection: Compressed airline breathing apparatus (EN139).

Hand protection: Nitrile gloves.

Eye protection: Face-shield.

Skin protection: Protective clothing with elasticated cuffs and closed neck.

9. PHYSICAL AND CHEMICAL PROPERTIES

State: Liquid

Color: Colorless

Odor: Aromatic

Evaporation rate: Moderate

Solubility in water: Insoluble

Also soluble in: Most organic solvents.

Viscosity: Non-viscous

Viscosity value: 100 cps

Flammability limits %: lower: 1.0

upper: 6.6

Flash point°C: 24

Autoflammability°C: 490

Relative density: 1.0

VOC g/l: 585 (4.92 lb/gal)

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions.

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

Materials to avoid: Acids. Bases. Oxidizing agents. Amines.

Haz. decomp. products: In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

11. TOXICOLOGICAL INFORMATION

Hazardous ingredients: N-BUTYL ACETATE

ORL MUS LD50 6 gm/kg

ORL RAT LD50 10768 mg/kg

XYLENE

ORL MUS LD50 2119 mg/kg

ORL RAT LD50 4300 mg/kg

SCU RAT LD50 1700 mg/kg

2-METHOXY-1-METHYLETHYL ACETATE

IPR MUS LD50 750 mg/kg

ORL RAT LD50 8532 mg/kg

Chronic toxicity: May cause sensitization by skin contact.

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

12. ECOLOGICAL INFORMATION

Mobility: Insoluble in water.

Persistence and degradability: Not biodegradable.

Bioaccumulative potential: No data available.

Other adverse effects: Very toxic to aquatic organisms.

13. DISPOSAL CONSIDERATIONS

Disposal operations: D10 Incineration on land.

R1 Solvent reclamation/regeneration.

Disposal of packaging: 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: 1263 ADR Class: 3

Packing group: III Classification code: F1

Shipping name: PAINT RELATED MATERIAL

Labelling: 3 Hazard ID no: 30



IMDG / IMO

UN no: 1263 Class: 3

Packing group: III EmS: F-E,S-E

Marine pollutant: .

Labelling: 3

IATA / ICAO

UN no: 1263 Class: 3

Packing group: III

Packing instructions: 309(P&CA); 310(CAO)

Labelling: 3

15. REGULATORY INFORMATION

Hazard symbols: Harmful.



Risk phrases: R10: Flammable.

R20: Harmful by inhalation.

R38: Irritating to skin.

R42/43: May cause sensitization by inhalation and skin contact.

Safety phrases: S23: Do not breathe vapor/spray.

S24: Avoid contact with skin.

S37: Wear suitable gloves.

S42: During fumigation / spraying wear suitable respiratory equipment.

Precautionary phrases: Contains isocyanates. See information supplied by the manufacturer.

N-BUTYL ACETATE; XYLENE; ALIPHATIC POLYISOCYANATE

Water hazard class: 1

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.

US VOC CONVERSION FACTOR 250 g/l = 2.1 lb/gal

16. OTHER INFORMATION

Other information: This safety data sheet is prepared in accordance with Regulation (EC) No 1907/2006.

FOR PROFESSIONAL USE ONLY. Read full instructions before use.

IMPORTANT: This product contains hazardous materials and therefore appropriate personal protective equipment should always be used.

Please refer to the label and consult the material safety data sheet for full handling instructions and personal protection information.

Risk phrases used in s.3:

R10: Flammable.

R66: Repeated exposure may cause skin dryness or cracking.

R67: Vapors may cause drowsiness and dizziness.

R20/21: Harmful by inhalation and in contact with skin.

R38: Irritating to skin.

R36: Irritating to eyes.

R43: May cause sensitization by skin contact.

Legal disclaimer: The information contained in this material safety data sheet is information from our suppliers and other sources. It is believed to be reliable. This data is not to be taken as a warranty or representation for which this company assumes legal responsibility.