

MATERIAL SAFETY DATA SHEET

MSDS Name: CLARIDGE 16A CHALK-BOARD ADHESIVE

MSDS Number: CLARIDGE 16A

MSDS Last Updated: JAN-22-2003

Printed On: 01/22/03

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SECTION I - PRODUCT AND COMPANY INFORMATION

Product Name: CLARIDGE 16A CHALK BOARD ADHESIVE
CAS Number: MIXTURE
Hazard Rating: Health: 2 Fire: 3 Reactivity: 0 PFI: B

Company Identification: ITW TACC
AIR STATION INDUSTRIAL PARK
ROCKLAND MA 02370

Telephone/Fax: (781) 878-7015 (781) 871-6727
Chemtec (24 Hour): (800) 424-9300

Trade Name: CLARIDGE 16A CHALK BOARD ADH.
Product Code: 333, 334, 335
DOT Hazard Class: 3
UN Number: 1133
Shipping Name: ADHESIVES
Packing Group: II

SECTION II - HAZARDOUS INFORMATION

Table with 4 columns: Ingredient Name, CAS Number, Percent, TSCA. Rows include LIGHT ALIPHATIC NAPHTHA, HEXANE, CYCLOHEXANE, and SILICA, QUARTZ.

Respirable crystalline silica (quartz) can cause silicosis, a fibrosis (scarring) of the lungs. Silicosis may be progressive; it may lead to disability and death. Crystalline silica (quartz) inhaled from occupational sources is classified as carcinogenic to humans.

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SECTION III - PHYSICAL DATA

Appearance/Color: TAN  
Boiling Range: 156. °F  
Evaporation Rate: Faster than n-Butyl Acetate  
% Volatile Weight: 34.56%  
% Volatile Volume: Not Available  
Specific Gravity: 1.171  
Weight/Volume Measure: 9.1332  
EPA Method 24 VOC: 378.1 g/L  
Photo Chem Reactive Only VOC: 378.1

SECTION IV - FIRE AND EXPLOSION HAZARD DANGER

Flammability Class: IB  
Flash Range: 0 F  
Explosive Range: Tag Closed Cup  
1.4  
7.5%

EXTINGUISHING MEDIA:

Foam, dry chemical, carbon dioxide, water spray or fog.

SPECIAL FIREFIGHTING PROCEDURES:

Wear a self-contained breathing apparatus.

UNUSUAL FIRE & EXPLOSION HAZARDS:

Vapors are heavier than air and may travel to an ignition source distant from the material handling point.

SECTION V - HEALTH HAZARD DATA

PERMISSIBLE EXPOSURE LEVEL:  
SEE SECTION VIII.

EFFECTS OF OVEREXPOSURE:

INHALATION: Materials are low in volatility and therefore not likely to pose a problem.

EYES: May cause minor irritation.

SKIN: Not likely to be absorbed in toxic amounts. Avoid skin contact as much as possible; upon repeated contact, slight skin irritation may occur.

INGESTION: None reported, not likely route of entry.  
FIRST AID:

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**INHALATION:** Get fresh air.  
**EYES:** Flush with water for at least 15 minutes.  
**SKIN:** Wash with mild soap and water; apply a mild cream.  
**INGESTION:** Small amounts are not expected to produce adverse health effects. Larger amounts should be recovered by aspiration. Call a physician.

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**SECTION VI - REACTIVITY DATA**  
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**Stability:** This product is stable  
**Hazardous Polymerization:** Hazardous polymerization will not occur

**INCOMPATIBILITY:**  
Strong oxidizing agents, strong acids and bases.  
**CONDITIONS TO AVOID:**  
Fire, sparks, static electricity.  
**HAZARDOUS DECOMPOSITION PRODUCTS:**  
Carbon monoxide, carbon dioxide.

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**SECTION VII - SPILL OR LEAK PROCEDURES**  
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**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**  
Keep spectators away. Eliminate all ignition sources (flames, hot surfaces and sources of electrical, static or frictional sparks). Dike and contain spill with inert material (e.g. sand, earth). Transfer liquids to covered metal containers for recovery or disposal, or remove with inert absorbent. Use only non-sparking tools. Place absorbent diking materials in covered metal containers for disposal. Prevent contamination of sewers, streams and groundwater with spilled material or used absorbent.  
**WASTE DISPOSAL METHOD:**  
Dispose in accordance with federal, state and local regulations.

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**SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION**  
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Occupational Exposure Limits:

	ACGIH TLV	ACGIH TLV-C	ACGIH STEL	OSHA STEL	OSHA PEL
LIGHT ALIPHATIC NAPHTHA	100.00 PPM	N/est	N/est	N/est	500.00 PPM

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HEXANE	400.00 PPM	N/est	500.00 PPM	N/est	500.00 PPM
CYCLOHEXANE	200.00 PPM	N/est	N/est	N/est	200.00 PPM
SILICA, QUARTZ	0.10 mg/M3	N/est	N/est	N/est	0.10 mg/M3

**RESPIRATORY PROTECTION:**  
 If workplace exposure limit of product is exceeded, a NIOSH/MSHA approved air supplied respirator must be used in absence of proper environmental control. Engineering or administrative controls should be implemented to reduce exposure.

**VENTILATION:**  
 Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below PEL.

**PROTECTIVE GLOVES:**  
 Chemical resistant gloves.

**EYE PROTECTION:**  
 Chemical splash goggles in compliance with OSHA regulations are advised.

**OTHER PROTECTIVE EQUIPMENT:**  
 To prevent repeated, prolonged skin contact, wear impervious clothing and boots.

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**SECTION IX - SPECIAL PRECAUTIONS**

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**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:**  
 Keep container closed when not in use. Store at 60-95 degrees F and out of the sun. Use adequate ventilation to avoid breathing vapors when cover is removed. Ground all equipment when handling flammable solventborne materials.

**OTHER PRECAUTIONS:**  
 For professional or industrial use only. Follow label instructions. Keep out of the reach of children. Not for consumption. No smoking. Do not breathe fumes. Avoid contact with body. Turn off all pilot lights, flames, stoves, heaters, electric motors, welding equipment and other sources of ignition. Close all containers when not in use. Empty containers must not be washed and re-used for any purpose. Contact lens wearers take appropriate precautions. Wash hands thoroughly after handling.

For spray applications, use only with approved spray equipment.

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For flammable products, vapors may cause flash fire or ignite explosively. To prevent buildup of vapors, use adequate ventilations (e.g. open all windows and doors to achieve cross-ventilation). Containers may be hazardous when empty. Never use welding or cutting torch on or near container.

SECTION X - ADDITIONAL REGULATORY INFORMATION

-SARA-TITLE III SECTION 313-

This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right to Know Act of 1986 and of 40 CFR 372:

Ingredient Name	CAS Number	Percent
HEXANE	110-54-3	3-7
CYCLOHEXANE	110-82-7	1-5

-PROP 65 (CARCINOGEN)

WARNING: This product contains a chemical known to the state of California to cause cancer.

Ingredient Name	CAS Number	Percent
SILICA, QUARTZ	14808-60-7	0.1-1.0

The following ingredients are registered for TSCA 12B

Ingredient Name	CAS Number	Percent
HEXANE	110-54-3	3-7
CYCLOHEXANE	110-82-7	1-5

DISCLAIMER

\*\*\*\*\* NOTICE \*\*\*\*\*

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