

MATERIAL SAFETY DATA SHEET

MSDS Name: TACC FA636 BONDING ADHESIVE  
MSDS Number: FA636

MSDS Last Updated: DEC-20-2002 Printed On: 03/29/04  
Page Number: 1

SECTION I - PRODUCT AND COMPANY INFORMATION

Product Name: TACC FA636 BONDING ADHESIVE  
CAS Number: MIXTURE  
Hazard Rating: Health: 2 Fire: 3 Reactivity: 0 PPI: B

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

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

Trade Name: TACC FA636  
Product Code: FA636  
DOT Hazard Class: COMBUSTI  
UN Number: NA1993  
Shipping Name: COMBUSTIBLE LIQUID, NOS  
Packing Group: III

Contains: (TOLUENE, METHANOL)

TACC is a registered trademark of Illinois Tool Works, Inc.

SECTION II - HAZARDOUS INFORMATION

Ingredient Name	CAS Number	Percent	TSCA
TOLUENE	108-88-3	3-7	Y
TITANIUM DIOXIDE	13463-67-7	1-5	Y
METHANOL	67-56-1	1-5	Y

SECTION III - PHYSICAL DATA

Appearance/Color: WHITE  
Boiling Range: 147.0F  
Evaporation Rate: Faster than n-Butyl Acetate

MATERIAL SAFETY DATA SHEET

MSDS Name: TACC FA636 BONDING ADHESIVE  
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MSDS Last Updated: DEC-20-2002 Printed On: 03/29/04  
Page Number: 2

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% Volatile Weight: 45.11%  
% Volatile Volume: Not Available  
Specific Gravity: 1.078  
Weight/Volume Measure: 8.97653  
EPA Method 24 VOC: 152.9 g/L

Photo Chem Reactive Only VOC: 99.1

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SECTION IV - FIRE AND EXPLOSION HAZARD DANGER

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Flammability Class: II  
Flash Range: 140.0F  
Explosive Range: 1.1%  
12.8%

EXTINGUISHING MEDIA:

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

SPECIAL FIREFIGHTING PROCEDURES:

Avoid breathing smoke. Use air supplied rescue equipment for enclosed area. Water tends to spread burning liquid if large amounts used.

UNUSUAL FIRE & EXPLOSION HAZARDS:

Flammable. Vapors may ignite explosively and/or cause flash fires. Eliminate sources of ignition. No smoking. Use adequate cross ventilation sufficient to remove odor of solvent and vapors. Electrically ground all containers during transfer.

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SECTION V - HEALTH HAZARD DATA

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PERMISSIBLE EXPOSURE LEVEL:

SEE SECTION VIII.

EFFECTS OF OVEREXPOSURE:

INHALATION: May cause dizziness, nausea, upper respiratory irritation, drowsiness, mental depression or narcosis, difficulty in breathing, irregular heartbeats. Chronic effects of overexposure to solvent vapors could lead to permanent effects to the nervous system, body organs and slight liver damage on excessive exposure. Use with adequate ventilation. Can cause cardiac arrest and irregular heartbeats when inhaled in massive amounts as for euphoria.

EYES: Irritation.

SKIN: Removal of skin oils, irritation, dermatitis,

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MATERIAL SAFETY DATA SHEET

MSDS Name: TACC FA636 BONDING ADHESIVE  
MSDS Number: FA636

MSDS Last Updated: DEC-20-2002 Printed On: 03/29/04  
Page Number: 3

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sensitization.

INGESTION: May be harmful if swallowed; can cause gastro-intestinal tract effects.

FIRST AID:

INHALATION: Get fresh air, if necessary call physician.

SKIN: Wash with mild soap and water, apply a mild cream.

EYES: Flush with water for at least 15 minutes.

INGESTION: Call Poison Center immediately.

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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
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TOLUENE  
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MSDS Last Updated: DEC-20-2002

Printed On: 03/29/04

Page Number: 4

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50.00 PPM	N/est	N/est	N/est	200.00 PPM
TITANIUM DIOXIDE				
N/est	N/est	N/est	N/est	N/est
METHANOL				
200.00 PPM	N/est	250.00 PPM	250.00 PPM	200.00 PPM

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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Page Number: 5

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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
TOLUENE	108-88-3	3-7
METHANOL	67-56-1	1-5

-PROP 65 (TERATOGEN)

WARNING: This product contains a chemical known to the state of California to cause birth defects or other reproductive harm.

Ingredient Name	CAS Number	Percent
TOLUENE	108-88-3	3-7

===== DISCLAIMER =====

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

This information is furnished without warranty, expressed or implied, except that it is accurate to the best knowledge of ITW TACC. The data on this sheet relates only to the specific material designated herein. ITW TACC assumes no legal responsibility for use or reliance upon these data.

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