

# MSDS

Material Safety Data Sheet

## 643 CONSTRUCTION ADHESIVE

FLAMMABLE  
FAST TACK • FAST GRAB

# APAC

### I. PRODUCT IDENTIFICATION

Number: FPAAPAC643AD  
Name: APAC 643 Construction Adhesive  
Class: Adhesive  
Emergency Telephone CHEMTREC: 800-424-9300

### II. HMIS (0 = minimal hazard; 4 = severe)

Health = 2 Flammability = 4 Reactivity = 1

### III. HAZARDOUS INGREDIENTS

Ingredient (CAS #)	Percent	Occ. Exp. Lmt.		
		PEL	TLV	Units
Hexane (110-54-3)	35.0%	500	No Info.	ppm
Propane (74-89-6)	20.0%	1000	No Info.	ppm
Acetone (67-64-1)	20.0%	1000	No Info.	ppm
Dimethyl Ether (115-10-6)	15.0%	N/A	N/A	N/A

### IV. HAZARDS IDENTIFICATION

**EMERGENCY OVERVIEW:** Keep from reach of children. Do not puncture, incinerate, or place aerosol product containers in compactors. Containers of this material may be hazardous when emptied since containers retain product residues (vapor, liquid, and/or solid). All hazard precautions given must be observed. Do not flame cut, braze, or use welding torch. Intentional misuse by deliberately concentrating and inhaling this product may be harmful or fatal. **EFFECTS OF OVEREXPOSURE:** Eye Contact: Can cause severe irritation, redness, tearing, blurred vision. Skin Contact: Prolonged or repeated contact can cause moderate irritation defatting, dermatitis. Inhalation: Excessive inhalation of vapors can cause nasal and respiratory irritation, dizziness, weakness, fatigue, nausea, headache, possible unconsciousness, and even asphyxiation. Overexposure may cause damage to the nervous system. Ingestion: No information. Chronic Hazards: Overexposure to this material (or its components) has apparently been found to cause the following effects in laboratory animals: kidney damage and eye damage. Primary Route(s) of Entry: Skin contact, inhalation and eye contact

### IV. FIRE AND EXPLOSION HAZARD DATA

**FLAMMABILITY CLASSIFICATION:** Flash Point: -156°F (Pensky-Martens C.C.); Lower Explosive Limit: 1.0%; Upper Explosive Limit: 18.0% Autoignition Temperature: N.D.; Extinguishing Media: CO<sub>2</sub> Dry Chemical Water Fog. **UNUSUAL FIRE AND EXPLOSION HAZARDS & SPECIAL FIRE FIGHTING PROCEDURES:** Never use welding torch on or near cans (even when empty) because residual solvent fumes can explode violently, with subsequent flash fires. Water may be used to keep fire-exposed containers cool until fire is out. Wear self contained breathing apparatus with full face-piece operated in positive pressure when fighting fires.

### V. SPILL OR LEAK PROCEDURES

**SPILLS:** Spill area should be treated as a hazardous location, open doors and windows, extinguish all sources of ignition, keep untrained persons, children and pets away from area, use explosion proof ventilation equipment. If unsure of proper procedure. evacuate area, open door and windows, and call fire department for assistance. Absorb liquid on paper, vermiculite, floor absorbent, or other absorbent material to clear. Residue from cleanup should be allowed to dry thoroughly in an open well ventilated containment area, before disposal. Dispose of remaining material in accordance with applicable regulations.

### VI. SAFE HANDLING AND USE INFORMATION

**HANDLING:** Do not store above 120°F. Do not store in direct sunlight. Keep away from heat sources, open flame, sparks.

### VII. EXPOSURE CONTROLS / PERSONAL PROTECTION

**ENGINEERING CONTROLS:** Provide sufficient mechanical ventilation (general and/or local exhaust). Ventilation to maintain exposure below TLV(s). **RESPIRATORY PROTECTION:** If work place exposure limits of product or any component is exceeded, use a NIOSH/MSHA approved respirator. Consult your safety equipment supplier for recommendations. **SKIN PROTECTION:** Wear impervious gloves if method of use involves skin contact with product. Consult your safety supply vendor for glove recommendations. **EYE PROTECTION:** Wear safety glasses at minimum, more extensive protection may be necessary depending on how the product is to be used. **OTHER PROTECTIVE EQUIPMENT:** Wear impervious clothing if bodily exposure is anticipated. Consult your safety supply vendor for recommendations. **HYGIENIC PRACTICES:** Wash hands before eating or smoking. Smoke in designated areas only. Remove and launder clothing if contaminated.

### VIII. PHYSICAL DATA

Boiling Range: -44 - 159°F. Odor: mint when wet. Vapor Pressure: is heavier than air. Odor Threshold: N.D. Appearance: clear liquid. Freeze Point: N.D. Solubility in H<sub>2</sub>O: negligible. Specific Gravity: 0.6867. Physical State: liquid. pH @0.0%: N.D. Viscosity: N/D. Evaporation Rate: is faster than Butyl Acetate. Coefficient of Water/Oil Distribution: N.D. Volatile By Weight: 82.3%. Volatile By Volume: 87.7%. VOC Content: 64.6% by weight, 443grams/liter Total Product, 524 grams/liter less water and exempt, 0.70 lbs/can.

### IX. STABILITY AND REACTIVITY

**CONDITIONS TO AVOID:** Heat, sparks, welding arcs, open flame, static electricity, or other source of ignition. **INCOMPATIBILITY:** Avoid contact with oxidizing materials. Acids, reducing agents, strong oxidizers. **HAZARDOUS DECOMPOSITION PRODUCTS:** May form toxic materials: carbon dioxide and carbon monoxide, various hydrocarbons of unknown structure. **HAZARDOUS POLYMERIZATION:** Cannot occur. **CONDITION TO AVOID:** Strong oxidizing agents, sparks, open flame, and excessive heat.

### XIII. TRANSPORTATION INFORMATION

DOT Proper Shipping Name: Aerosols; DOT Technical Name: DOT Hazard Class: 2.1 Hazard Subclass: None DOT UN/NA Number: UN1950 Packing Group: None. Resp. Guide Page: 126. Addition Information: For domestic ground and air shipment this product may be shipped as a consumer commodity ORM-D. Outer cartons must have the ORM-D or ORM-D air designation. (Our original cartons are preprinted with the ORM-D designation for ground shipment.) *Prohibited for sale in California.*

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