

# SAFETY DATA SHEET

According to OSHA Hazard Communication Standard

SDS Number: 4676-18



## SECTION I IDENTIFICATION

### Product Identifier

Product Name	DISTRIBUTOR TUBE CEMENT
Product Code	4676, 4686, 4489, 4491, 4493, 4497, 4501, 4502
Recommended Use	For connecting ABS pipe and fittings
Distributor Name	Dial Manufacturing Inc.
Distributor Address	25 South 51 <sup>st</sup> Avenue, Phoenix, AZ 85403
Distributor Phone Number	(602) 278-1100

## SECTION II HAZARD IDENTIFICATION

### Hazard Pictogram



GHS08  
Health Hazard



GHS02  
Flammable

### Single Word

DANGER

### GHS Classification

Acute Toxicity: Cat. 4  
Skin Irritation: Cat. 3  
Eye Irritation: Cat. 2B

### Hazard-determining components of labeling

Methyl Ethyl Ketone  
Acetone

### Hazard statements

H225	Highly flammable liquid and vapor
H304	May be fatal if swallowed and enters airways
H312	Harmful in contact with skin
H319	Causes serious eye irritation
H332	Harmful if inhaled
H335	May cause respiratory irritation
H336	May cause drowsiness or dizziness

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**Precautionary statements**

P101	If medical advice is needed, have product container or label at hand.
P102	Keep out of reach of children.
P210	Keep away from heat/sparks/open flames/hot surfaces – No smoking
P233+P235	Keep container tightly closed and cooled
P234	Take precautionary measures against static discharge
P261	Avoid breathing dust/fume/gas/mist/vapors/spray
P262	Do not get in eyes, on skin, or on clothing
P264	Wash thoroughly after handling
P270	Do not eat, drink or smoke when using this product
P271	Use only outdoors or in a well-ventilated area
P208+P284	Wear protective gloves/protective clothing/eye protection/face protection. Wear a NIOSH approved respirator for organic solvents.

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NFPA Rating  
(Scale 0 - 4)



HMIS Rating  
(Scale 0 - 4)

HEALTH	2
FLAMMABILITY	3
REACTIVITY	0

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### SECTION III

### COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Characterization: Mixture

Description: Mixture of substances listed below with nonhazardous additions.

CAS Number	Dangerous Components	%
78-93-3	Methyl Ethyl Ketone	35 - 50 %
67-64-1	Acetone	10 - 20%

## SECTION IV FIRST-AID MEASURES

### Description of First Aid Measure

#### After inhalation

- a) Move into fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen and call physician.

#### After skin contact

- a) Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water.

#### After eye contact

- a) Flush with water for 15 minutes. If irritation persists, get medical attention.

#### After swallowing

- a) Not a normal route of exposure.  
 b) Ingestion: Give 1 or 2 glasses of water.  
 b) Do not induce vomiting.  
 c) Contact physician immediately

## SECTION V FIRE-FIGHTING MEASURES

### Extinguishing media

#### Suitable extinguishing agents

Carbon Dioxide Gas, Dry Chemical Powder, Foam

#### Unsuitable extinguishing agents

Water Spray, Water Stream

### Special hazards arising from the substance or mixture

Evacuate enclosed areas, stay upwind. Closed or confined quarters require self-contained breathing apparatus, positive pressure hose masks or airline masks. Use water spray to cool containers, to flush spills from sources of ignition and to disperse vapors.

### Advice for firefighters

#### Protective equipment

Wear self-contained respiratory protective device.  
 Wear fully protective suit.

#### Additional information

Avoid breathing smoke

## SECTION VI ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

Prevent contact with skin or eyes. Personnel cleaning up the spill should wear appropriate personal protective equipment, including respirators if vapor concentrations are high. Wear suitable respiratory protective equipment.

### Environmental precautions

Avoid runoff into storm sewers, ditches and waterways.

### Leak & spill procedures

Soak up spill with an inert absorbent such as sand, earth or other non-combusting material. Transfer absorbent material to a covered, labeled, metal container. Do not use plastic or aluminum containers.

## SECTION VII HANDLING AND STORAGE

### Precautions for safe handling & storage

Avoid contact with eyes, skin and clothing. Avoid prolonged breathing of vapor and mist. Use with adequate ventilation. Wash thoroughly after handling. Do not eat, drink or smoke in the work area. Keep products away from heat, sparks, flames and all other sources of ignition. Keep containers closed when not in use.

Store in a cool, dry, well-ventilated area away from incompatible materials. Store in shade between 40°F – 110°F. Keep container closed when not in use. Keep away from heat, sparks, open flame and other sources of ignition. Incompatible Materials: caustics, ammonia, inorganic acids, chlorinated compounds, amines, strong oxidizers and isocyanates.

## SECTION VIII EXPOSURE CONTROLS/PERSONAL PROTECTION

Additional information about design of technical facilities: No further data; see item 7.

### Occupational Exposure Limits

Hazardous Ingredient	OSHA – PEL	ACGIH – TLY	ACGIH - STEL
Methyl Ethyl Ketone	200 ppm	200 ppm	300 ppm
Acetone	1000 ppm	500 ppm	750 ppm

### Exposure Control

#### Engineering Control

- Local ventilation is adequate. Use only explosion proof ventilation equipment. If necessary use local exhaust.

**Respiratory protection**

- Atmospheric levels should be maintained below established exposure limits. If airborne concentrations exceed those limits, use of a NIOSH approved organic vapor cartridge respirator with full face-piece is recommended. The effectiveness of an air purifying respirator is limited. Use it only for a single short-term exposure. For emergency and other conditions where short term exposure guidelines may be exceeded, use an approved positive pressure self-contained breathing apparatus..

**Hand Protection**

- Prevent contact with skin. Butyl rubber gloves should be used.

**Eye Protection**

- Use glasses with side shield or splash proof goggles..

**Body Protection**

- Not required.

## SECTION IX PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

#### General Information

##### Appearance

Form	Liquid
Color	Black

Odor	Ketone
Odor Threshold	Not Determined

Change in condition	
Melting point/Melting range	Undetermined
Boiling point/Boiling range	133 <sup>o</sup> F (56 <sup>o</sup> c)

Flash point	-4 <sup>o</sup> F
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Flammability	Category 2
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Specific Gravity	0.91 + 0.02 @ 20 °C
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Solubility (H2O)	Solvent-Complete, Resin-Precipitates
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Evaporation Rate	8 (BUAC=1)
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Vapor Density	2.50 (AIR=1)
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Explosion limits	Not determined
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Vapor pressure	182mm Hg @20 °C
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VOC	325 g/l
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## SECTION X STABILITY AND REACTIVITY

Hazardous polymerization	Will not occur
Chemical stability	Stable
Conditions to avoid	Keep away from heat, sparks, open flame and other sources of ignition.
Hazardous decomposition	When forced to burn, this product gives out carbon monoxide, carbon dioxide, hydrogen chloride and smoke.
Incompatible materials	Caustics, ammonia, inorganic acids, chlorinated compounds, amines, strong oxidizers and isocyanates.

## SECTION XI TOXICOLOGICAL INFORMATION

Hazardous Ingredient	LD <sub>50</sub>	LC <sub>50</sub>
Methyl Ethyl Ketone	Oral: 2,737 mg/kg (rat), Dermal: 6,480 mg/kg (rabbit)	Inhalation: 8 hrs., 23,500 mg/m <sup>3</sup> (rat)
Acetone	Oral: 5,800 mg/kg (rat)	Inhalation: 50,100 mg/m <sup>3</sup> (rat)

## SECTION XII ECOLOGICAL INFORMATION

### Toxicity

Ecotoxicity	No further relevant information available
Persistence and degradability	Biodegradable

### Behavior on the environmental system

Bioaccumulative potential	No further relevant information available
Mobility in soil	In normal use, emission of Volatile Organic Compounds (VOC's) to the air takes place, typically at a rate of <325 g/l.

## SECTION XIII DISPOSAL CONSIDERATIONS

### Waste disposal methods

Review federal, provincial/state and local government requirements prior to disposal

## SECTION XIV TRANSPORT INFORMATION

UN-Number	UN1133		
UN Proper Shipping Name	Adhesives, Containing a Flammable Liquid		
Hazard Class	3	Packing Group	II
Environmental Hazards - Marine pollutant	None		

## SECTION XV REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture United States (USA)

Hazardous Ingredient	302 (EHS)	304 RQ	311/312	313	TSCA	Prop 65
Methyl Ethyl Ketone	No	5,000 lbs	Yes	No	Yes	No
Acetone	No	5,000 lbs	Yes	No	Yes	No

## SECTION XVI OTHER INFORMATION

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.