

# SAFETY DATA SHEET



Date Issued : 11/06/2012

MSDS No : 1485

Date-Revised : 11/12/2012

Revision No : 3

## TARR BLEND A2

### 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** TARR BLEND A2

**PRODUCT CODE:** 1485

**MANUFACTURER**

Distributed by Tarr Acquisition, LLC

4115 W. Turney Ave.

Phoenix, AZ 85019

**Service Number:** 602-233-2000

**24 HR. EMERGENCY TELEPHONE NUMBERS**

**CHEMTREC (US Transportation) :**(800) 424 - 9300

**CANUTEC (Canadian Transportation) :**(613) 996 - 6666

### 2. HAZARDS IDENTIFICATION

#### EMERGENCY OVERVIEW

**IMMEDIATE CONCERNS:** DANGER! Poison. Flammable. Contains methanol. Cannot be made non-poisonous. Liquid and vapor harmful. May be fatal or cause blindness if swallowed. Avoid prolonged breathing of vapors. Avoid contact with eyes and skin. Use only in well ventilated areas.

#### POTENTIAL HEALTH EFFECTS

**EYES:** Liquid is severely irritating to the eyes. High vapor concentrations are also irritating.

**SKIN:** Liquid is moderately irritating to the skin. Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash).

**INGESTION:** Contains Methanol which may be fatal or cause blindness if swallowed. Ingestion may have narcotic effect including signs of CNS depression such as dizziness, headache, drowsiness, loss of coordination, and fatigue.

**INHALATION:** Vapors may be irritating to the nose, throat, and respiratory tract. Breathing of high vapor concentrations may cause central nervous system (CNS) depression resulting in dizziness, light-headedness, headache, nausea and loss of coordination. Continued inhalation may result in unconsciousness and death.

#### SIGNS AND SYMPTOMS OF OVEREXPOSURE

**ACUTE TOXICITY:** Early to moderate CNS depression may be evidenced by giddiness, headache, dizziness, and nausea; in extreme cases, unconsciousness and death may occur. Aspiration pneumonitis may be evidenced by coughing, labored breathing and cyanosis.

**CHRONIC EFFECTS:** Liver and kidney damage in experimental animals.

**MEDICAL CONDITIONS AGGRAVATED:** Pre-existing disorders of the following organ(s) or organ system(s) may be aggravated by exposure to this material: skin, respiratory system, liver, kidneys, central nervous system (CNS).

**COMMENTS:** Diacetone alcohol has caused liver damage and destruction of red blood cells after a single

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administration at high dosage levels (2ML/KG) to laboratory animals.

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

Chemical Name	Wt. %	CAS	EINECS
Acetone	45 - 52	67-64-1	200-662-2
Methanol	19 - 22	67-56-1	200-659-6
Diacetone alcohol	9.5 - 10.5	123-42-2	--
Benzene, methyl-	20	108-88-3	203-625-9
Benzene	< 0.02	71-43-2	--

**4. FIRST AID MEASURES**

**EYES:** Immediately flush eyes with plenty of water for at least 15 minutes while holding eyelids open. Get medical attention.

**SKIN:** Remove contaminated clothing/shoes. Flush exposed area with large amounts of water for at least 15 minutes. If skin is damaged, seek medical attention. Launder clothing before reuse.

**INGESTION:** Call poison control center or get medical help immediately. Only induce vomiting as directed by medical personnel and only if patient is conscious and alert. Never give anything by mouth to an unconscious person.

**INHALATION:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, oxygen should be administered by qualified personnel. Seek immediate medical attention.

**NOTES TO PHYSICIAN:** Consult a Poison Control Center for guidance. Ingestion may cause coma, metabolic acidosis, and hemoglobinuria. If more than 2.0 mL/kg has been ingested, vomiting should be induced with supervision. If symptoms such as loss of gag reflex, convulsions or unconsciousness occur before vomiting, gastric lavage with a cuffed endotracheal tube should be considered. If pain, blinking, tears, or redness continue, patient should contact ophthalmologist.

**5. FIRE FIGHTING MEASURES**

**FLASHPOINT AND METHOD:** ~ (1°F) Tagliabue ASTM D-56. Lowest flash of chemical constituents within product.

**FLAMMABLE LIMITS:** 0.01 to 0.36

**AUTOIGNITION TEMPERATURE:** Not Determined

**EXTINGUISHING MEDIA:** Use water fog, "alcohol" foam, dry chemical, or CO<sub>2</sub>.

**HAZARDOUS COMBUSTION PRODUCTS:** Carbon monoxide and unidentified organic compounds may be formed during combustion.

**EXPLOSION HAZARDS:** When heated above the flash point, this material emits flammable vapors which, when mixed with air, can burn or be explosive. Fine mists or sprays may be flammable at temperatures below the flash point.

**FIRE FIGHTING PROCEDURES:** WARNING! Flammable Liquid. Clear fire area of unprotected personnel. Do not enter confined fire space without full bunker gear, including a positive pressure NIOSH approved SCBA. Cool fire exposed containers with water.

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**SENSITIVE TO STATIC DISCHARGE:** Store away from heat, sparks, and open flame. Keep containers tightly closed when not in use. Do not weld, cut, grind, solder, or drill on or near empty containers. Empty containers may contain explosive concentrations of product vapors.

### 6. ACCIDENTAL RELEASE MEASURES

**GENERAL PROCEDURES: WARNING.** Flammable. Ventilate area of leak or spill. Remove all sources of ignition (flames, hot surfaces and electrical, static, or frictional spark). Clean-up personnel require protective clothing and respiratory protection from vapors. Only specially trained or qualified personnel should handle the emergency. Remove with inert absorbent and non-sparking tools. Dispose of material in accordance with all federal, state and local regulations.

### 7. HANDLING AND STORAGE

**GENERAL PROCEDURES:** Store away from heat, sparks, and open flame. Keep containers tightly closed when not in use. Do not weld, cut, grind, solder, or drill on or near empty containers. Empty containers may contain explosive concentrations of product vapors.

**COMMENTS:** KEEP OUT OF REACH OF CHILDREN! Empty containers retain product residue and can be dangerous. Do not pressurize or expose such containers to heat or flame.

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

#### EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)					
		EXPOSURE LIMITS			
		OSHA PEL		ACGIH TLV	
Chemical Name		ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
Acetone	TWA	1000	2400	500	
	STEL			750	
Methanol	TWA	200	260	200	262
	STEL			250	328
Diacetone alcohol	TWA	50	240	50	238
Benzene, methyl-	TWA	200		50 <sup>[2]</sup>	188 <sup>[2]</sup>
	STEL	300 <sup>[1]</sup>	<sup>[1]</sup>		
Benzene	TWA	1 % <sup>[3]</sup>	<sup>[3]</sup>	0.5 %	
	STEL	5		2.5	
<b>OSHA TABLE COMMENTS:</b> 1. C = Ceiling 2. S = Skin 3. Carcinogen					

**ENGINEERING CONTROLS:** Provide exhaust ventilation sufficient to keep the airborne concentration of this

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product below its exposure limits. Exhaust air may need to be cleaned by scrubbers or filters to reduce environmental contamination.

### PERSONAL PROTECTIVE EQUIPMENT

**EYES AND FACE:** Use chemical safety goggles and/or full face shield where splashing is possible. Contact lenses should not be worn when working with this material. Maintain eye wash fountain and quick-drench facilities in work areas.

**SKIN:** Wear resistant gloves (consult your safety equipment supplier). To prevent repeated or prolonged skin contact, wear impervious clothing and boots.

**RESPIRATORY:** If exposure may or does exceed occupational exposure limits (Sec. 8) use a NIOSH approved respirator to prevent overexposure. In accord with 29 CFR 1910.134 use either an atmosphere-supplying respirator or an air-purifying respirator for organic vapors. Provide exhaust ventilation sufficient to keep the airborne concentration of this product below its exposure limits. Use explosion-proof ventilation as required to control vapor concentration.

**WORK HYGIENIC PRACTICES:** Use good personal hygiene when handling this product. Wash hands after use, before eating, drinking, smoking, or using the toilet.

**COMMENTS:** May be harmful or fatal if swallowed. May irritate body tissues. Use with adequate ventilation. Avoid breathing vapor. Do not get in eyes, on skin, on clothing. Wash thoroughly after handling.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

Chemical Name	Flash Point (°C)	Auto Ignition (°C)	Solubility in Water	Specific Gravity
Acetone			Miscible	0.797
Methanol	52			
Diacetone alcohol	129	643	Soluble	0.94
Benzene, methyl-	4.5 TAG CC		0.07% (74 deg. F)	0.87

**PHYSICAL STATE:** Liquid

**ODOR:** Fragrant odor.

**COLOR:** Clear, colorless liquid.

**pH:** NA = Not Applicable

**PERCENT VOLATILE:** 100

**FLASHPOINT AND METHOD:** ~ (1°F) Tagliabue ASTM D-56. Lowest flash of chemical constituents within product.

**SOLUBILITY IN WATER:** Soluble in most organic solvents, slightly soluble with water.

**DENSITY:** 6.88

**SPECIFIC GRAVITY:** 0.826 (water=1)

**(VOC):** 3.440 LBS./gal.

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## 10. STABILITY AND REACTIVITY

**STABLE:** Yes

**HAZARDOUS POLYMERIZATION:** No

**POLYMERIZATION:** Will not occur.

**CONDITIONS TO AVOID:** Avoid contact with sparks, open flame.

**INCOMPATIBLE MATERIALS:** Strong oxidizers.

## 11. TOXICOLOGICAL INFORMATION

## ACUTE

Chemical Name	ORAL LD <sub>50</sub> (rat)	DERMAL LD <sub>50</sub> (rabbit)	INHALATION LC <sub>50</sub> (rat)
Acetone	5800 mg/kg (Rat)		
Benzene	636 mg/kg (Rat)	> 14000 mg/kg (Rabbit)	~ 4000 (NINHL rat)

## CARCINOGENICITY

Chemical Name	NTP Status	IARC Status	OSHA Status
Benzene, methyl-		3	
Benzene	1	1	ü

**Notes:** None of the components are known to be carcinogenic. This product may contain benzene CAS 71-43-2 at a concentration less than 200 ppm.

**MUTAGENICITY:** Toluene is not known to be mutagenic or carcinogenic. However, the available human and experimental data are limited and insufficient to assess carcinogenic potential. Toluene is not listed as a carcinogen by NTP, IARC, or OSHA. Intentional abuse of toluene vapors has been linked to damage of brain, liver, kidney and to death. Many case studies involving abuse during pregnancy clearly indicate that toluene is a developmental toxicant. Developmental toxic effects comparable to those observed in humans have been seen in lab animals but the effects were generally associated with maternal toxicity.

## 12. ECOLOGICAL INFORMATION

**GENERAL COMMENTS:** Avoid uncontrolled releases of this material. Keep out of sewers, storm drains, surface waters and soil. Where spills are possible, a comprehensive spill response plan should be developed and implemented.

## 13. DISPOSAL CONSIDERATIONS

**DISPOSAL METHOD:** The preferred options for disposal are to send to licensed reclaimers, or to permitted incinerators. Any disposal practice must be in compliance with federal, state, and local regulations. Do not dump into sewers, ground, or any body of water.

**EMPTY CONTAINER:** KEEP OUT OF REACH OF CHILDREN! Empty containers retain product residue and

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can be dangerous. Do not pressurize, cut weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks static electricity, or other sources of ignition.

**RCRA/EPA WASTE INFORMATION:** Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

### 14. TRANSPORT INFORMATION

#### DOT (DEPARTMENT OF TRANSPORTATION)

**PROPER SHIPPING NAME:** Paint Related Materials

**PRIMARY HAZARD CLASS/DIVISION:** 3

**UN/NA NUMBER:** 1263

**PACKING GROUP:** III

**NAERG:** 128

### 15. REGULATORY INFORMATION

#### UNITED STATES

#### DOT LABEL SYMBOL AND HAZARD CLASSIFICATION



Flammable Liquid



Toxic

#### SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

**311/312 HAZARD CATEGORIES:** This product should be reported as an immediate (acute) health hazard, and a delayed (chronic) health hazard.

**FIRE:** Yes **PRESSURE GENERATING:** No **REACTIVITY:** No **ACUTE:** Yes **CHRONIC:** Yes

**313 REPORTABLE INGREDIENTS:** To the best of our knowledge, this product is not listed as a toxic chemical under Section 313 of SARA Title III.

#### EPCRA SECTION 313 SUPPLIER NOTIFICATION

Chemical Name	Wt. %	CAS
Methanol	19 - 22	67-56-1
Benzene, methyl-	20	108-88-3

#### 302/304 EMERGENCY PLANNING

**EMERGENCY PLAN:** To the best of our knowledge, this product is not listed as an extremely hazardous substance.

#### CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

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Chemical Name	Wt. %	CERCLA RQ
Acetone	45 - 52	5,000 LBS.
Methanol	19 - 22	5,000
Benzene, methyl-	20	1,000
Benzene	< 0.02	10

**TSCA (TOXIC SUBSTANCE CONTROL ACT)**

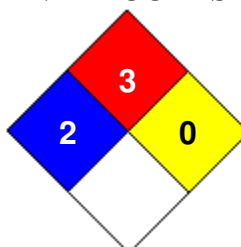
Chemical Name	CAS
Acetone	67-64-1
Methanol	67-56-1
Diacetone alcohol	123-42-2
Benzene, methyl-	108-88-3
Benzene	71-43-2

**CALIFORNIA PROPOSITION 65**

Chemical Name	Wt. %	Listed
Benzene, methyl-	20	• Female Reproductive
Benzene	< 0.02	• Cancer • Developmental Toxicity • Male Reproductive

**16. OTHER INFORMATION****REASON FOR ISSUE:** New product.**PREPARED BY:** COMPLIANCE**REVISION SUMMARY:** This MSDS replaces the 11/12/2012 MSDS. Revised: **Section 15: CERCLA RQ.****HMIS RATING**

<b>HEALTH</b>	<input type="text"/>	<b>2</b>
<b>FLAMMABILITY</b>	<input type="text"/>	<b>3</b>
<b>PHYSICAL HAZARD</b>	<input type="text"/>	<b>0</b>
<b>PERSONAL PROTECTION</b>	<input type="text"/>	<b>G</b>

**NFPA CODES**

**NFPA STORAGE CLASSIFICATION:** These ratings are part of a specific hazard communication program and should be disregarded where individuals are not trained in the use of this hazard rating system. You should be familiar with the hazard communication programs applicable to your workplace.

**GENERAL STATEMENTS:** Keep away from heat, sparks, and flame. Keep away from sources of ignition. Store in a cool, dry, well-ventilated area away from incompatible substances. Flammables-area.

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**MANUFACTURER DISCLAIMER:** The information contained herein is based on the data available to us and is believed to be accurate. However, Tarr Acquisition, LLC (Tarr, LLC) makes no warranty, expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. Tarr, LLC assumes no responsibility for injuries from the use of the product described herein.