Safety Data Sheet

Revision Date: 01-06-2016
Product Code: 1560-001

1. IDENTIFICATION

Product Name	**STANTEST 3.5 ALKYD ENAMEL BLACK**
Product Code	1560-001
Document ID	G1560-001
Revision Number	2
Prior Version Date	05-28-2015
Intended Use	Paint
Restrictions On Use	For Industrial Use Only
Chemical Family	Alkyd Enamel
Chemical Manufacturer / Importer	JONES-BLAIR® Company, LLC 2728 Empire Central Dallas, TX 75235 1-214-353-1600
Emergency Telephone Number:	ChemTrec Center 1-800-424-9300 **International:** 703-527-3887

2. HAZARD(S) IDENTIFICATION

Classification of the chemical in accordance with paragraph (d) of §1910.1200;

Hazard Pictograms

GHS Classification

Skin Sensitisation Category 1
Flammable Liquid Category 2
Skin Corrosion/Irritation Category 2
Serious Eye Damage/Eye Irritation Category 2
Carcinogenicity Category 2
Reproductive Toxicity Category 2
Acute Toxicity - Inhalation Vapour Category 4

Signal Word

Danger

Hazard Statements

Highly flammable liquid and vapour. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. Harmful if inhaled. Suspected of causing cancer. Suspected of damaging fertility or the unborn child.

Precautionary Statements

Prevention

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat, sparks, open flames and hot surfaces. No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion-proof electrical, ventilating, and lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Avoid breathing dust, fume, mist, vapours or spray. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Contaminated work clothing should not be allowed out of the workplace.

	Wear protective gloves, protective clothing, eye protection and face protection. Use personal protective equipment as required.
Response	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF exposed or concerned: Get medical attention. Call a POISON CENTER or physician if you feel unwell. If skin irritation or rash occurs: Get medical attention. If eye irritation persists: Get medical attention. Take off contaminated clothing and wash before reuse. In case of fire: Use alcohol resistant foam, carbon dioxide, dry chemical, or water spray for extinction.
Storage	Keep container tightly closed. Store in a well-ventilated place. Keep cool. Store locked up.
Disposal	Dispose of contents and container in accordance with all local, regional, national and international regulations.
Hazards Not Otherwise Classified (HNOC)	Not applicable

Additional Information

Not applicable

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Component	CAS #	%
Xylene	1330-20-7	7 - 13
Light aromatic solvent naphtha	64742-95-6	5 - 10
Acetone	67-64-1	5 - 10
1,2,4-Trimethylbenzene	95-63-6	1 - 5
Ethylbenzene	100-41-4	1 - 5
Carbon black	1333-86-4	0.5 - 1.5
Methyl Ethyl Ketoxime	96-29-7	0.1 - 1
Cumene	98-82-8	0.1 - 1
Toluene	108-88-3	0.1 - 1

The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST-AID MEASURES

Inhalation	Remove to fresh air. If breathing is difficult, have a trained individual administer oxygen. If not breathing, give artificial respiration and have a trained individual administer oxygen. Get medical attention immediately.
Eye Contact	In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention immediately.
Skin Contact	Wash with soap and water. Get medical attention if irritation develops or persists.
Ingestion	If swallowed, do not induce vomiting. Get medical attention immediately. Induce vomiting as a last measure. Induced vomiting may lead to aspiration of the material into the lungs potentially causing chemical pneumonitis that may be fatal.
Most Important Acute Symptoms and Effects	Not Available

Most Important Delayed Symptoms and Effects	Not Available
Special treatment needed:	No additional first aid information available

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media	Use alcohol resistant foam, carbon dioxide, or dry chemical extinguishing agents. Water spray or fog may also be effective for extinguishing if swept across the base of the fire. Water can also be used to absorb heat and minimize fire damage.
Unsuitable Extinguishing Media	No data available
Fire and/or Explosion Hazards	Vapors may be ignited by heat, sparks, flames or other sources of ignition at or above the low flash point giving rise to a Class B fire. Vapors are heavier than air and may travel to a source of ignition and flash back. Container may explode in heat of fire.
Hazardous Combustion Products	Carbon dioxide, Carbon monoxide, Sulfur containing gases
Special Protective Equipment and Precautions for Fire-Fighters	Do not enter fire area without proper protection including self-contained breathing apparatus and full protective equipment. Fight fire from a safe distance and a protected location due to the potential of hazardous vapors and decomposition products. Flammable component(s) of this material may be lighter than water and burn while floating on the surface.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures	Exposure to the spilled material may be irritating or harmful. Follow personal protective equipment recommendations found in Section VIII of this SDS. Additional precautions may be necessary based on special circumstances created by the spill including the material spilled, the quantity of the spill, the area in which the spill occurred. Also consider the expertise of employees in the area responding to the spill.
Methods and Material for Containment and Cleaning Up	Prevent the spread of any spill to minimize harm to human health and the environment if safe to do so. Dike with suitable absorbent material. Gather and store in a sealed container pending disposal. Shut off ignition sources; including electrical equipment and flames. Do not allow smoking in the area.

7. HANDLING AND STORAGE

Precautions for Safe Handling	Harmful or irritating material. Avoid contacting and avoid breathing the material. Use only in a well ventilated area. Follow all protective equipment recommendations provided in Section VIII. As with all chemicals, good industrial hygiene practices should be followed when handling this material. Wash thoroughly after handling. Do not get in eyes, on skin and clothing. Ground and bond containers when transferring material. "Empty" containers retain product residue (liquid and/or vapor) and can be dangerous. Use spark-proof tools and explosion-proof equipment.
Conditions for Safe Storage	Store in a cool dry place. Keep container(s) closed. Keep away from sources of ignition.
Materials to Avoid/Chemical Incompatibility	Oxidizing agents, Acids

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limits

Chemical Component	OSHA PEL	ACGIH TLV-TWA	ACGIH STEL
Xylene	100 ppm TWA; 435 mg/m³ TWA	100 ppm TWA; 434 mg/m³ TWA	150 ppm STEL; 651 mg/m3 STEL
Acetone	1000 ppm TWA; 2400 mg/m³ TWA	500 ppm TWA; 1188 mg/m³ TWA	750 ppm STEL; 1782 mg/m³ STEL
1,2,4-Trimethylbenzene		25ppm; 123mg/m³ TWA	
Ethylbenzene	100 ppm TWA; 435 mg/m³ TWA	100 ppm TWA; 434 mg/m³ TWA	125 ppm STEL; 543 mg/m³ STEL
Carbon black	3.5 mg/m3 TWA	3.5 mg/m3 TWA	
Cumene	50 ppm TWA; 245 mg/m3 TWA	50 ppm TWA; 246 mg/m3 TWA	

Appropriate Engineering Controls	Local exhaust ventilation or other engineering controls may be required when handling or using this product to avoid overexposure.
Respiratory Protection	General or local exhaust ventilation is the preferred means of protection. In cases where ventilation is inadequate, respiratory protection may be required to avoid overexposure. Follow respirator manufacturer's directions for respirator use.
Eye Protection	Wear safety glasses with side shields when handling this product. Wear additional eye protection such as chemical splash goggles and/or face shield when the possibility exists for eye contact with splashing or spraying liquid, or airborne material. Have an eye wash station available.
Skin Protection	Where use can result in skin contact, practice good personal hygiene. Wash hands and other exposed areas with mild soap and water before eating, drinking, and when leaving work. Clothing suitable to prevent skin contact.
Other Protective Equipment	Nitrile Neoprene
General Hygiene Conditions	Follow all protective equipment recommendations provided in Section VIII. As with all chemicals, good industrial hygiene practices should be followed when handling this material. Wash thoroughly after handling. Do not get in eyes, on skin and clothing. Ground and bond containers when transferring material. "Empty" containers retain product residue (liquid and/or vapor) and can be dangerous. Use spark-proof tools and explosion-proof equipment.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	
Physical State	Liquid
Color	Black
Odor	No data available
Odor Threshold	No data available
pH	No data available
Melting Point/Freezing Point (℉/℃)	No data available / No data available
Initial Boiling Point and Boiling Range	
Low (℉)	132.0
High (℉)	335.0
Flash Point (℉/℃)	30 / -1
Evaporation Rate	7.70
Flammability (solid, gas)	No data available
Upper Flammable/Explosive Limit	12.8
Lower Flammable/Explosive Limit	1.0
Vapor Pressure	185.00
Vapor Density	4.00
Relative Density	1.196
Solubility in Water	Minimal; 1-9%
Partition coefficient: n-octanol/water	No data available

Auto-ignition Temperature	No data available
Decomposition Temperature:	No data available
Viscosity	30 - 40 Z3
Volatiles, % by volume	54.82
Volatiles, % by weight	38.88
Volatile Organic Chemicals (g/L)	
(Regulatory, Calculated)	412.21
(Actual, Calculated)	355.45
Density	9.78 - 10.18 lbs./Gal

10. STABILITY AND REACTIVITY

Chemical stability	Stable under normal conditions.
Possibility of Hazardous Reactions	No data available
Conditions to Avoid	Sparks, open flame, other ignition sources, and elevated temperatures. Contamination.
Incompatible Materials	Oxidizing agents, Acids
Hazardous Decomposition Products	Carbon dioxide, Carbon monoxide, Sulfur containing gases

11. TOXICOLOGICAL INFORMATION

Routes of Exposure
Inhalation
Skin contact
Eye contact
Ingestion
Skin absorption

Immediate (Acute) Health Effects by Route of Exposure

Inhalation Irritation	Can cause severe respiratory irritation, dizziness, weakness, fatigue, nausea, headache and possible unconsciousness.
Inhalation Toxicity	Vapor harmful. May affect the brain or nervous system causing dizziness, headache or nausea.
Skin Contact	Causes skin irritation.
Skin Absorption	May be harmful if absorbed through skin.
Eye Contact	Can cause moderate irritation, tearing and reddening.
Ingestion Toxicity	Harmful or fatal if swallowed. Aspiration of material into the lungs can cause chemical pneumonitis which can be fatal.

Long-Term (Chronic) Health Effects

Carcinogenicity	Possible cancer hazard. Contains ethylbenzene which may cause cancer based on animal data. (Risk of cancer depends on duration and level of exposure.) Possible cancer hazard. Contains carbon black which may cause cancer based on animal data. (Risk of cancer depends on duration and level of exposure.)
Reproductive and Developmental Toxicity	Xylene may cause adverse reproductive and/or developmental effects. Pregnant women may be at an increased risk from exposure.
Mutagenicity	Xylene has been shown to be positive in mutagenicity assays.
Inhalation	NOTICE: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

Product Toxicology Data

Dermal Acute Toxicity Estimate (ATE) 8,729.10 mg/kg

Component Toxicology Data

Chemical Component	Oral LD50	Dermal LD50	Inhalation LC50

Xylene	Oral LD50 Rat 3523 mg/kg	Dermal LD50 Rabbit 1100 mg/kg	Inhalation LC50 (4h) Rat 11.00 mg/L
Light aromatic solvent naphtha	Oral LD50 Rat 8400 mg/kg	Dermal LD50 Rat > 2000 mg/kg	Inhalation LC50 (4h) Rat 5.60 mg/L
Acetone	Oral LD50 Rat 5800 mg/kg	Dermal LD50 Rabbit > 16 g/kg	Inhalation LC50 (4h) Rat 76.00 mg/L
1,2,4-Trimethylbenzene	Oral LD50 Rat 6000 mg/kg	Dermal LD50 Rat > 3440 mg/kg	Inhalation LC50 (4h) Rat 10.20 mg/L
Ethylbenzene	Oral LD50 Rat 3500 mg/kg	Dermal LD50 Rabbit 5510 mg/kg	Inhalation LC50 (4h) Rat 17.00 mg/L
Carbon black	Oral LD50 Rat > 8000 mg/kg	Dermal LD50 Rabbit > 2000 mg/kg	
Cumene	Oral LD50 Rat 1400 mg/kg	Dermal LD50 Rabbit > 3160 mg/kg	Inhalation LC50 (4h) Rat 8,000.00 ppm

Carcinogen Information

Chemical Name	IARC Carcinogen	OSHA Carcinogen	NTP Carcinogen
Ethylbenzene	2B		
Carbon black	2B		
Cumene	2B		

12. ECOLOGICAL INFORMATION

Ecotoxicity (aquatic and terrestrial, where available) No data available

Mobility in soil No data available

13. DISPOSAL CONSIDERATIONS

Safe Handling of Waste Refer to other sections of this SDS to determine the toxicity and physical characteristics of the material to determine the proper waste identification and disposal in compliance with applicable regulations.

14. TRANSPORT INFORMATION

This section provides basic shipping classification information and does not contain all regulatory transportation details. Refer to all applicable regulations for domestic, international, air, vessel and ground transportation requirements and restrictions.

DOT Basic Description: Paint
Hazard Class: 3
UN Number: UN1263
Packing Group: II
Other: This product qualifies for a limited quantity exception per CFR173.150(b)(2) and 172.102 Special Provision 149 for inner containers <= 1.3 gallons (5L) and total gross package wt <= 66 lbs (30kg).

IATA Air Shipping Name: Paint
IATA Hazard Class: 3
IATA UN Number: UN1263
IATA Packing Group: II

IMO Shipping Name: Paint
IMO Hazard Class: 3
IMO UN Number: UN1263
IMO Packing Group: II

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Marine Pollutant: N

15. REGULATORY INFORMATION

TSCA Status All components of this product are either listed on the TSCA Inventory; or, are not subject to the inventory notification requirements.

Regulated Components

SARA EHS Chemicals	**CAS #**	**%**
Not applicable		

CERCLA		
Xylene (mixed isomers)	1330-20-7	7 - 13
Acetone	67-64-1	5 - 10
Ethyl Benzene	100-41-4	1 - 5
Cumene	98-82-8	0.1 - 1

SARA 313		
Xylene (mixed isomers)	1330-20-7	7 - 13
1,2,4-Trimethylbenzene	95-63-6	1 - 5
Ethylbenzene	100-41-4	1 - 5
Cumene	98-82-8	0.1 - 1

SARA 311/312

Health (Acute):	Y
Health (chronic):	Y
Fire (Flammable):	Y
Pressure:	N
Reactivity:	N

U. S. State Regulations:

California Prop 65 Chemicals

Cancer	**CAS #**	**%**
Ethyl Benzene	100-41-4	1 - 5
Carbon Black	1333-86-4	0.5 - 1.5
Cumene	98-82-8	0.1 - 1
Benzene	71-43-2	0.01 - 0.1
Reproductive		
Toluene	108-88-3	0.1 - 1
Benzene	71-43-2	0.01 - 0.1
Methyl Alcohol	67-56-1	< 10 ppm
N-Methyl-2-Pyrrolidone	872-50-4	< 1 ppb

Canadian Regulations:

CEPA DSL: The components of this product ARE listed on the Canadian Domestic Substances List.

WHMIS Hazard Class: B2 D2A

16. OTHER INFORMATION

Revision Date 01-06-2016

Disclaimer This SDS has been prepared in accordance with the OSHA Hazard Communication Standard (29 CFR 1910.1200) and Canada's Controlled Product Regulations (CPR). To the best of our knowledge the information contained herein is accurate. Determination of safe handling, application and use of this material is the responsibility of the end user. This information is furnished without warranty, expressed or implied.