



# Safety Data Sheet

**D00312- BLACK ACETONE INK 5 GAL.**

## Section 1. Identification

Product Identifier D00312- BLACK ACETONE INK 5 GAL.  
Synonyms Black Acetone DOD Ink  
Manufacture Stock Numbers N/A

Recommended use Printing  
Uses advised against N/A

Manufacturer Contact  
Address ZANASI USA  
9490 Hemlock Lane North  
Maple Grove, MN, 55369  
HENNEPIN

Phone  
(763) 593-1907

Emergency Phone Fax  
(800) 424-9300 (763) 593-1941  
CHEMTREC 24  
HOUR ER LINE

## Section 2. Hazards Identification

Classification ACUTE TOXICITY - INHALATION - Category 3  
EYE DAMAGE/IRRITATION - Category 2A  
FLAMMABLE LIQUIDS - Category 2  
SKIN CORROSION/IRRITATION - Category 2  
SPECIFIC TARGET ORGAN TOXICITY (Single Exposure) - Category 3

Signal Word Danger

Pictogram



Hazard Statements Causes serious eye irritation  
Causes skin irritation  
Highly flammable liquid and vapor  
May cause respiratory irritation  
Toxic if inhaled

## Precautionary Statements

Response	If eye irritation persists: Get medical advice/attention. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If inhaled: Remove person to fresh air and keep comfortable for breathing. If swallowed: Immediately call a poison center/doctor Take off contaminated clothing and wash it before reuse.
Prevention	Avoid breathing dust/fume/gas/mist/ vapors/spray. Ground/bond container and receiving equipment. Keep away from heat/sparks/open flames/hot surfaces. -No smoking. Keep container tightly closed. Use explosion-proof electrical/ventilating/lighting/.../equipment. Wear protective gloves/eye protection/face protection
Storage	Store in a well-ventilated place. Keep container tightly closed.
Disposal	N/A

Ingredients of unknown toxicity 0%

Hazards not Otherwise Classified  
Inhalation: High concentrations may lead to central nervous system effects (drowsiness, dizziness, nausea, headache, paralysis, and loss of consciousness and even death). High vapor concentrations are irritating to the eyes, nose, throat, and lungs. Skin: 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). Eyes: Contact with the eye may cause moderate to severe irritation. Ingestion: Product may be harmful or fatal if swallowed. Pulmonary aspiration hazard.

No Data Available

## Section 3. Ingredients

CAS	Ingredient Name	Weight %
Proprietary	Modified Polymers/Binders	1% - 5%
540-88-5	Tert-Butyl Acetate	40% - 45%
67-64-1	Acetone	40% - 45%
12337-22-8	Solvent Black 27 (Black Color)	5% - 10%

Occupational exposure limits, if available, are listed in Section 8.

## Section 4. First-Aid Measures

EYE CONTACT	Eye Contact: Flush with copious amounts of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Get medical attention.
SKIN CONTACT	Skin Contact: In case of contact, immediately flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Call a physician immediately.
INHALATION	Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician immediately.
INGESTION	Ingestion: Aspiration hazard. If swallowed, vomiting may occur spontaneously, but DO NOT INDUCE. If vomiting occurs, keep head below hips to help prevent aspiration into lungs. Never give anything by mouth to an unconscious person. Call a physician immediately.

## Section 5. Fire Fighting Measures

Suitable Extinguishing Media	Water spray, foam, dry chemical, carbon dioxide. Alcohol resistant foams (ATC) are preferred, if available.
Unsuitable Extinguishing Media	N/A
Flash Point:	<70 F
Fire fighting instructions	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Extremely flammable liquid and vapor. Vapor may cause flash fire. Vapors are heavier than air and may travel to a source of ignition and flash back. Vapors can spread along the ground and collect in low or confined areas.
Unusual fire and explosion hazards	Unusual fire and explosion hazards: This highly flammable liquid must be kept away from sparks, open flames, hot surfaces, and all sources of heat and ignition. Decomposition materials may emit acrid smoke and irritating fumes. Vapors are heavier than air and may travel along the ground or may be moved by ventilation and ignited by pilot lights, flames, sparks, heaters, smoking, electric motors, static discharge, or other ignition sources at locations distant from material handling point. Never use welding or cutting torch on or near drum (including empty) because product can ignite explosively.

## Section 6. Accidental Release Measures

Spill Procedure:	Ventilate area of leak or spill. Remove all sources of ignition. Wear appropriate personal protective equipment. Isolate hazard area. Keep unnecessary and unprotected personnel from entering. Contain and recover liquid when possible. Use non-sparking tools and equipment. Collect liquid in an appropriate container or absorb with an inert material (i.e., vermiculite, dry sand, and earth), and place in a chemical waste container. Do not use combustible materials, such as saw dust. DO NOT FLUSH TO SEWER! If leak or spill has not ignited, use water spray to disperse the vapors, to protect personnel attempting to stop leak, and to flush spills away from exposures.  US Regulations (CERCLA) require reporting spills and releases to soil, water and air in excess of reportable quantities.
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## Section 7. Handling and Storage

**Handling:** Protect against physical damage. Store in a cool, dry, well-ventilated location, away from any area where the fire hazard may be acute. Separate from incompatibles. Containers should be bonded and grounded for transfers to avoid static sparks. Storage and use area should be NO SMOKING areas. Use non-sparking tools and equipment, including explosion proof ventilation. Containers of this material may be hazardous when empty since they retain product residues (vapors, liquid); observe all warnings and precautions listed for the product.

**Precautions to be taken in storing:** Keep away from sources of ignition. Store in a cool, dry, well ventilated area away from incompatible substances. Flammables area.

## Section 8. Exposure Controls/Personal Protection

Occupational Exposure Limits	Ingredient Name	ACGIH TLV	OSHA PEL	STEL
	Modified Polymers/Binders	0	N/A	N/A
	Tert-Butyl Acetate	200	200	N/A
	Acetone	500	1000	N/A
	Solvent Black 27 (Black Color)	N/A	N/A	N/A

**Personal Protective Equipment**  
**EYE PROTECTION:** Use chemical safety glasses or goggles and/or a full face shield where splashing is possible. Maintain eye wash fountain and quick drench facilities in work area.

**VENTILATION SYSTEM:** A system of local and or general exhaust is recommended to keep employee exposures below the Airborne exposure limits. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into general work area. Use explosion-proof equipment.

**RESPIRATORY PROTECTION:** A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirement must be followed whenever workplace conditions warrant a respirators use.

**Skin Protection:** Wear impervious protective clothing, including boots, gloves, lab coat, apron or overalls, as appropriate, to prevent skin contact. Check with your safety supplier for the proper chemical-resistant gloves.

## Section 9. Physical and Chemical Properties

Physical State	Liquid
Color	Black
Odor	Acetone-like odor
Odor Threshold	N/A
Solubility	N/A
Partition coefficient Water/n-octanol	N/A
Viscosity	N/A
Specific Gravity	1
Density lbs/Gal	N/A
Pounds per Cubic Foot	N/A
Flash Point	<70F
FP Method	N/A
Ph	N/A
Melting Point	N/A
Boiling Point	N/A
Boiling Range	N/A
LEL	N/A
UEL	N/A
Evaporation Rate	N/A
Flammability	N/A
Decomposition Temperature	N/A
Auto-ignition Temperature	N/A
Vapor Pressure	N/A
Vapor Density	>2.5 (Air=1)

## Section 10. Stability and Reactivity

Stability:	Stable. Under normal storage conditions.
Conditions to Avoid:	Heat, flames, sparks, ignition sources and incompatibles.
Incompatibility (Materials to avoid):	Oxidizing materials.
Hazardous Decomposition Products:	Carbon dioxide and carbon monoxide may form when heated to decomposition.
Hazardous polymerization:	Will Not Occur.

## Section 11. Toxicological Information

Toxicological Information:	No toxicity studies have been conducted on this product. As with all chemicals for which test data are limited or do not exist, caution must be exercised through the prudent use of protective equipment and handling procedures to minimize exposure.
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## Section 12. Ecological Information

**Environmental Toxicity:** The Ecological characteristics of this product have not been fully investigated. The product should not be allowed to enter drains or water courses or be deposited where it can affect ground or surface waters. Do not discharge product to the environment.

## Section 13. Disposal

**Waste Disposal Method:** Recovered and non-usable material may be regulated as a hazardous waste due to its ignitibility and/or its toxic characteristics. It is the responsibility of the user to determine if the material is a RCRA "hazardous waste" at the time of disposal. Transportation, treatment, storage, and disposal of waste material must be conducted in accordance with RCRA regulations. State and/or local regulations may be more restrictive.

## Section 14. Transport Information

**UN Number** 1210  
**UN Proper Shipping Name** UN1210, PRINTING INK, 3, PG II  
**DOT Classification** 3  
**Packing Group** 2  
**IATA Regulations:** Proper Shipping-UN1210, Printing Ink, 3, PGII  
**Label Required:** Flammable

## Section 15. Regulatory Information

**Toxic Substances Chemical Inventory (TSCA):** This product (and/or all of its components) is in compliance with USEPA TSCA.

## Section 16. Other Information

**Revision Date** 8/18/2014  
**HMIS Hazard Rating:** Health- 2; Fire- 3; Reactivity- 0; PPE- Goggles & Shield; Apron; Vent Hood; Proper Gloves; Fire Extinguisher  
**Disclaimer:** The information accumulated herein is believed to be accurate and represents the best data currently available. It is the user's responsibility to determine suitability of use. No warranty, expressed or implied, is made and ZANASI USA assumes no legal responsibility or liability resulting from its use. Materials comprising <1% by weight, or <0.1% by weight if the chemical is a carcinogen, are not listed herein.