

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product identifier

Product Name 8-BK-47

Other means of identification

Product Code 1.1.017
Synonyms Pigment Dispersion

Recommended use of the chemical and restrictions on use

Recommended Use: Water-borne coatings. Color additive. PC23 - Leather tanning dyes, finishing, impregnation and care products.

Uses advised against No information available

Details of the supplier of the safety data sheet

Manufacturer Address
Leather Refinishing Technologies
529 Caboose Drive
Quakertown, PA 18951 USA

Emergency telephone number

Company Phone Number (215) 536-0625
Emergency Telephone (267) 228-5682

2. HAZARDS IDENTIFICATION

Classification

OSHA Regulatory Status

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Skin sensitization	Category 1
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Label elements

Emergency Overview

Warning

Hazard statements

May cause an allergic skin reaction



Appearance black

Physical state Liquid

Odor Slight

Precautionary Statements - Prevention

Avoid breathing dust/fume/gas/mist/vapors/spray
Contaminated work clothing must not be allowed out of the workplace
Wear protective gloves

Precautionary Statements - Response

Specific treatment (see section 4 on this label)
 IF ON SKIN: Wash with plenty of water and soap
 If skin irritation or rash occurs: Get medical advice/attention
 Wash contaminated clothing before reuse

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Hazards not otherwise classified (HNOC)

Not applicable

Other information

3. COMPOSITION/INFORMATION ON INGREDIENTS

Synonyms Pigment Dispersion.
Chemical characterization Mixture.
Chemical nature Pigment Dispersion.

Chemical name	CAS No.	Weight-%	Trade secret
Carbon black	1333-86-4	3 - 7	*
1,2-Benzisothiazol-3(2H)-one	2634-33-5	<0.5	*

*The exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

Description of first aid measures

Eye Contact Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. Get medical attention immediately if symptoms occur.

Skin Contact Wash off immediately with soap and plenty of water. Get medical attention immediately if symptoms occur.

Inhalation Remove to fresh air. If not breathing, give artificial respiration. Get medical attention immediately if symptoms occur.

Ingestion If sprayed in mouth, rinse mouth with water. Never give anything by mouth to an unconscious person. If swallowed, get medical help or contact a Poison Control Center right away.

Most important symptoms and effects, both acute and delayed

Symptoms May cause allergic skin reaction.

Indication of any immediate medical attention and special treatment needed

Notes to Physician Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Water spray. Carbon dioxide (CO₂). Foam. Dry chemical.

Unsuitable Extinguishing Media None.

Specific hazards arising from the chemical

No information available.

Hazardous combustion products Carbon monoxide. Carbon dioxide (CO₂). Nitrogen oxides (NO_x).

Explosion data

Sensitivity to Mechanical Impact No.

Sensitivity to Static Discharge No.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions Ensure adequate ventilation.

Environmental precautions

Environmental precautions Prevent product from entering drains. Do not allow material to contaminate ground water system. See Section 12 for additional Ecological Information.

Methods and material for containment and cleaning up

Methods for Containment Contain spill with inert material (e.g. sand, silica gel, binder).

Methods for cleaning up Pick up and transfer to properly labelled containers.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling Wear personal protective equipment. Ensure adequate ventilation. Stir before use.

Conditions for safe storage, including any incompatibilities

Storage Conditions Store in original container. Keep containers tightly closed in a dry, cool and well-ventilated place. Keep from freezing.

Incompatible Products Strong oxidizing agents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines Carbon black in this product is bound with other components. Harmful exposure to carbon black is not expected from this product as supplied.

Chemical name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Carbon black 1333-86-4	-	-	1750 mg/m ³

Legend

NIOSH IDLH: National Institute for Occupational Safety and Health - Immediately Dangerous To Life or Health

Appropriate engineering controls

Engineering Measures Showers
Eyewash stations
Ventilation systems. Ensure adequate ventilation, especially in confined areas.

Individual protection measures, such as personal protective equipment

Eye/face protection Safety glasses with side-shields.

Skin and body protection	Suitable protective clothing. Long sleeved clothing.
Respiratory protection	If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.
General Hygiene Considerations	Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state	Liquid	Odor	Slight
Appearance	black	Odor threshold	No information available
Color	black		
Property	Values	Remarks/ • Method	
pH	9.1	Determined	
Melting point / freezing point	No information available		
Boiling point / boiling range	100 °C / 212 °F	Literary reference	
Flash point	No data available		
Specific gravity	1.03	Calculated	
Water solubility	dispersible		
Kinematic viscosity	7 cPs	Determined	
Dynamic viscosity	No information available		
Explosive properties	Not explosive.		
Oxidizing properties	Not an oxidizer		

Other information

Molecular weight	No information available
VOC Content (%)	0.7%
Density	1.03 g/cm ³

10. STABILITY AND REACTIVITY

Reactivity

No known effects under normal use conditions

Chemical stability

Stable under recommended storage conditions.

Possibility of hazardous reactions

None under normal processing.

Conditions to Avoid

Do not expose to extreme temperatures. Do not freeze.

Incompatible materials

Strong oxidizing agents.

Hazardous decomposition products

None known based on information supplied.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information	No acute toxicity information is available for this product.
Skin Contact	Repeated or prolonged skin contact may cause allergic reactions with susceptible persons.

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Carbon black 1333-86-4	> 15400 mg/kg (Rat)	> 3 g/kg (Rabbit)	-
1,2-Benzisothiazol-3(2H)-one 2634-33-5	= 1020 mg/kg (Rat)	>2000 mg/kg (Rat)	-

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms No information available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization May cause sensitization of susceptible persons.
Germ cell mutagenicity No information available.
Carcinogenicity Carbon black in this product is bound with other components. Harmful exposure to carbon black is not expected from this product as supplied.

Chemical name	ACGIH	IARC	NTP	OSHA
Sodium tetraborate decahydrate 1303-96-4	-	Group 2A	-	X

Legend:

IARC: (International Agency for Research on Cancer)
 Group 2A - Probably Carcinogenic to Humans

Reproductive Effects Product is or contains a chemical which is a known or suspected reproductive hazard.
STOT - single exposure No information available.
STOT - repeated exposure No information available.
Chronic toxicity No known chronic effects based on supplied information.
Aspiration Hazard No information available.

Numerical measures of toxicity - Product Information

The following values are calculated based on chapter 3.1 of the GHS document .

mg/kg

12. ECOLOGICAL INFORMATION

Ecotoxicity

Toxic to aquatic life with long lasting effects

2.05332 % of the mixture consists of component(s) of unknown hazards to the aquatic environment

Chemical name	Algae/aquatic plants	Fish	Crustacea
Carbon black 1333-86-4	Not applicable	Not applicable	EC50: >5600mg/L (24h, Daphnia magna)
1,2-Benzisothiazol-3(2H)-one 2634-33-5	0.11 mg/l: ErC50 72hr Pseudokirchneriella subcapitata	1.5 mg/L: 96 h Oncorhynchus mykiss LC50 static	2.94 mg/l 48h Daphnia magna EC50

Persistence and degradability

No information available.

Bioaccumulation

No information available.

Mobility

Partition Coefficient (n-octanol/water).

Chemical name	Partition coefficient
1,2-Benzisothiazol-3(2H)-one 2634-33-5	1.3

Other adverse effects No information available

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Waste Disposal Methods It must undergo special treatment, e.g. at suitable disposal site, to comply with local regulations. Should not be released into the environment.

Contaminated packaging Empty containers should be taken for local recycling, recovery or waste disposal.

14. TRANSPORT INFORMATION

DOT Not regulated

TDG Not regulated

IATA Not regulated

IMDG Not regulated

15. REGULATORY INFORMATION

International Inventories

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory	Complies
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List	Complies
EINECS/ELINCS	Complies
ENCS - Japan Existing and New Chemical Substances	Complies
KECL	Complies
PICCS	Complies
AICS - Australian Inventory of Chemical Substances	Complies
NZIoC - New Zealand Inventory of Chemicals	Complies

Legend:

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

U.S. Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazardous

Categorization

Clean Water Act

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA

This product does not contain any chemicals subject to reporting requirements (RQ) of CERCLA (40 CFR 302.4).

U.S. State Regulations

California Proposition 65

This product contains no listed substances known to the State of California to cause cancer, birth defects or other reproductive harm.

State Right-to-Know

Chemical name	New Jersey	Massachusetts	Pennsylvania
Carbon black 1333-86-4	-	X	X
Sodium tetraborate decahydrate 1303-96-4	-	X	X
Water 7732-18-5	-	-	X
Zinc pyrithione 13463-41-7	-	-	X
Triethanolamine 102-71-6	-	X	X

16. OTHER INFORMATION

NFPA

Health hazards 1

Flammability 0

Instability 0

HMIS

Health hazards 1*

Flammability 0

Physical hazards 0

Prepared By

Regulations Manager

Issue Date

26-Jan-2009

Revision Date

09-Apr-2019

Revision Note

Update to Format

Disclaimer

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

End of Safety Data Sheet