

Material Safety Data Sheet

Identity: Balloon Glow No Buff Shine & Protectant

Product Description: Silicon based latex balloon polishing and protectant

Date Prepared: 3/14/2012

Section I - Company Identification

Manufacturer's Address:

Balloon Glow International, LLC

31513 S. Highway 48

Bristow, OK 74010

Emergency Telephone Number: (972) 801-8377

Telephone Number for Information:

(972) 801-8377

Section II - Composition/Information on Ingredients

Component	Concentration	CAS
Lacquer Diluent	82% Volume	64742-49-0

This Material is classified as hazardous under OSHA regulations.

Section III - Hazards Identification

CERCLA Rating: (Scale 0-3) Health = 1, Fire = 3, Reactivity = 0

NFPA Rating: (Scale 0-4) Health = 1, Fire = 3, Reactivity = 0

Health Hazards: Harmful or toxic if inhaled. May be harmful or fatal if swallowed. Do not induce vomiting. May cause aspiration pneumonitis. May cause central nervous system depression. Causes skin irritation. Causes eye irritation. Long term exposure to vapor has caused cancer in laboratory animals. Keep out of reach of children. Toxic to aquatic organisms.

Physical Hazards: This material is flammable and generates vapors which are heavier than air. Vapors may travel across the ground and reach a remote ignition source, causing a flashback fire hazard.

Potential Health Effects:

Eye: Contact with the eyes may cause irritation. Eye contact with this product causes irritation, pain, tearing, reddening and swelling of the eye tissues.

Skin: Contact with the skin causes irritation. Prolonged or repeated contact can result in defatting and drying of the skin, which may result in skin irritation and dermatitis (rash).

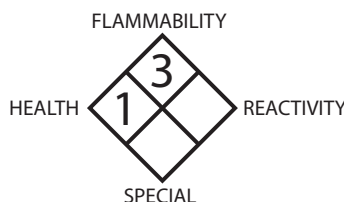
Ingestion: Toxic and harmful if swallowed. The substance may cause effects on the central nervous system. If this liquid is swallowed, aspiration into the lungs may result in chemical pneumonitis. Exposure at high levels may result in cardiac dysrhythmia and unconsciousness. Do not induce vomiting. May be inhaled if vomiting is induced. Once in the lung the material may cause severe injury or death.

Inhalation: Avoid breathing vapors or mists. Can cause central nervous system depression (including unconsciousness). High concentrations in immediate area can cause dizziness, unconsciousness, and even death with longer exposures.

Delayed or other health effects:

Reproductive: Components of this product have caused birth defects or other harm to the developing fetus based on animal studies.

Cancer: May contain benzene which has been classified as a Category 1 carcinogen by the International Agency for Research on Cancer and the National Toxicological Program. Prolonged or repeated exposure to this material may cause cancer.



Section IV - Emergency and First Aid Procedures

Eye: Immediately flush eyes with water for at least 15 minutes. Get medical attention if irritation persists.

Skin: Wash with soap and water. Get medical attention if irritation persists. Remove contaminated clothing and shoes.

Indigestion: Get medical attention immediately. Do not induce vomiting. Never give anything by mouth to an unconscious person. Careful evacuation of stomach by medical personnel imperative.

Inhalation: Remove to fresh air. If not breathing give artificial respiration. If breathing is difficult give oxygen. Get immediate medical attention.

*Note to Physicians: Vomiting may cause aspiration of this product, which may result in pneumonitis; symptoms may take hours and/or days to commence.

Section V - Fire Fighting Measures

Flash Point Temperature	20 deg F (TCC)	
Flammability Limits (% volume in air)	Lower 0.7	Upper 6.0
Auto Ignition Temperature	490 deg F	
Extinguishing Media	Carbon Dioxide, dry chemical, foam and water spray. *Caution: This product has a low flash point.	

Fire/Explosion Hazard: This material is a fire and explosion hazard and may be ignited by ignition sources under almost all conditions. Vapors may travel to ignition source and flash back. Containers may explode in fire. Vapor explosion hazard indoors, outdoors or in sewers. In closed systems: ventilation, explosion-proof electrical equipment and lighting. Prevent build-up of electrostatic charges by grounding. Empty containers retain flammable and explosive vapors.

Fire Fighting Procedures: Wear protective equipment and clothing when fighting fires, including a self-contained breathing apparatus for fires in enclosed spaces. Use water spray to cool fire-exposed containers, to dilute and disperse vapors, protect personnel, and to flush spills from fire.

Section VI - Accidental Release Measures

Protective Measures: In the event of a release, eliminate any source of ignition near the spill and the associated vapors. Stop all work in vicinity and remove personnel immediately. Monitor release area with a combustible gas detection device.

Spill Management: Evacuate danger area in large spill: Consult an expert in the event of a large spill. Do not flush to sewer. Control source of leak if it does not place personnel at risk. Control extents of spill using dikes or absorbent materials in order to prevent the contamination of soil, surface waters, and groundwater. Wear appropriate personal protective equipment. Assure all equipment used in the cleanup effort is grounded. Use non-sparking tools only. Fire suppression foam may be used to reduce vapors. Remove and properly dispose of contaminated soils using approved containers in compliance with local regulations.

Reporting: Report spills to local authorities. If appropriate or required, report spills to the US Coast Guard National Response Center (800) 424-8802. EPA's Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) section 101(14) - Petroleum Exclusion - excludes crude oil and fractions on crude oil - including the hazardous substances, such as benzene, that are indigenous in those petroleum substances.

Section VIII - Handling and Storage

Handling: Wash hands before eating. Remove contaminated clothing and bag for proper disposal. Follow all MSDS/label precautions even after containers are empty because they contain product residues. Do not pressurize, cut, grind, weld, braze, solder, drill or expose empty containers to heat sparks, static electricity, or

sources of ignition. They may explode and cause injury or death. Empty storage containers should be completely drained, properly sealed and promptly returned to a container reconditioner, or properly disposed as per local regulations.

Unusual Hazards: This product should not be used in portable heating devices. Toxic fumes may accumulate and cause death.

Storage: Do not store or use this product near sources of ignition, heat, or sparks. Use only in well ventilated area. Store product in approved, properly labeled containers.

Static Electricity Hazard: Static electricity charges may accumulate and present a hazardous condition while handling this material. Ground and bond containers when transferring materials. Perform a Job Safety Analysis and train all persons involved in operations that have the potential to generate static charges or flammable vapors. Implement proper mitigation techniques. Improper filling of portable containers presents the risk of fire. Only fill containers on the ground. Do not fill containers that are inside a vehicle or truck/trailer bed.

Section VIII - Exposure Controls/Personal Protection

Engineering Controls: Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below the recommended exposure limits.

Personal Protective Equipment: A respiratory protection program that meets OSHA 29 CFR 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

Eye/Face Protection: Wear safety glasses with side shields (or goggles) and a face shield if there is potential for splashing.

Skin Protection: The glove(s) listed below may provide protection against permeation.

- Nitrile
- Viton
- Neoprene

Gloves of other chemically resistant materials may not provide adequate protection.

Respiratory Protection: A NIOSH-approved air-purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air purifying respirators is limited. Use a positive-pressure air-supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known or any other circumstances where air-purifying respirators may not provide adequate protection.

General Hygiene Considerations: Where contact from splashing is likely, wear chemical-resistant gloves, a chemical suit, rubber boots, and chemical safety goggles plus a face shield.

Exposure Guidelines:

Component: Lacquer Diluent		
CAS # 64742-49-0 Recommended Exposure Limits - ppm (mg/m3)		
8 HR TWA	STEL	CEILING (1800)
300ppm	400ppm	15 minute

Section IX - Physical/Chemical Characteristics

Boiling Point	195-225 deg F
Specific Gravity	0.7527
Vapor Pressure	2.0 psi @ 100 deg F
Melting Point	N/A

Vapor Density (Air=1)	Heavier than air
Evaporation Rate (BuAc=1)	Faster than BuAc
Solubility in Water	Negligible
% Volatile By Volume	100%
Appearance and Odor	A pale colored liquid with a characteristic hydrocarbon odor.

Section X - Reactivity Data

Stability: This product is considered stable during handling and storage under normal ambient conditions of pressure and temperature.

Conditions to Avoid: Transfer of this product near open flames, sparks, or static electricity.

Materials to Avoid (Incompatibility): May react to strong oxidizers, many fluorides & perchlorates, nitric acid.

Hazardous Decomposition Products: None

Hazardous Polymerization: Hazardous polymerization will not occur.

Section XI - Toxicological Information

Route/Organism	Dose	Effect
EYE EFFECT: Eye/Rabbit	870 pg	Mild
SKIN EFFECT: Rabbit	500 mg	Moderate
ACUTE ORAL: Oral/Rat	lethal does (50 percent kill): >5 gm/kg	N/R
ACUTE INHALATION Inhalation/Human	Toluene: Lowest published toxic concentration: 100ppm	Behavioral: Hallucinations, distorted perceptions, change in motor activity, change in psycho/physiological tests
	Benzene: toxic concern. 8ppb/4 week intermittent	Tumorigenic: Carcinogenic Blood: Leukemia

Chronic Effects/Carcinogenicity: There is inadequate evidence for carcinogenicity in humans from Naphtha and Toluene. Benzene is carcinogenic in humans. The liquid defats the skin. The substance may have effects on the bone marrow and immune system resulting in a decrease of blood cells.

Multagenicity: Toluene RTECS Compound Description: Tumorigen, Mutagen, Reproductive effector, Primary irritant.

Benzene RTECS Compound Description: Agriculture chemical, Tumorigen, drug, mutagen, reproductive effector, primary irritant.

Section XII - Ecological Information

Ecotoxicity: This product is expected to produce toxic effects if released into an aquatic system.

Environmental Fate: Components of this product are water soluble, but are also volatile and may be degraded by biological activity.

Section XIII - Disposal Considerations

Recycle unused material. This product may meet the definition of a hazardous waste under RCRA (40 CFR 261) or definitions of a hazardous waste by State or local regulation. Analysis of the waste generated must be tested to correctly categorize the material for disposal. If this product meets the definition of a hazardous waste, federal law requires disposal at a licensed hazardous waste disposal facility.

Notice

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