Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Black Lightning Gloves
Product Use: One-off glove for hygiene and medical examination use
Product Code & Type: XS、S、M、L、XL
Supplier Information
Company Name: KBS Coatings
Address: 1101 Cumberland Xing #180
Valparaiso, IN
Postcode: 46383
Tel: 219-263-0073
Fax: 877-548-9323
Email Address: support@kbs-coatings.com

2. HAZARDS IDENTIFICATION

The preparation is classified as Miscellaneous Hazardous Material according to Directive 1999/45/EC and its amendments.

Primary Hazards and Critical Effects:
May cause sensitization by skin contact
Individual who is sensitive to nitrile-butadiene rubber may cause skin sensitization when wear nitrile examination gloves.

Environmental Hazards:
Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance/Preparation: Preparation

Ingredients Name	CAS NO.	Risk Phrases
NBR	9003-18-3	-
ZDC	14324-55-1	R22, 36/37/38, 43, 50/53
BZ	136-23-2	R36/37/38, 43, 50/53
S	7704-34-9	-
KOH	1310-58-3	R22, 35
TiO2	13463-67-7	-
ZnO	1314-13-2	R50/53
Pigment	-	-
Citric Acid	5949-29-1	

Note: See Section 8 of SDS for exposure limit data for these ingredients.

4. FIRST AID MEASURES

Eyes:
Immediately wash with copious amounts of water, holding eyelid(s) open to remove the foreign particle. Take care not to rinse contaminated water into the non-affected eye. If irritation develops or particle cannot easily be removed, seek medical attention.

Skin:
Get medical aid if irritation develops or persists. Flush skin with plenty of soap and water.

Ingestion:
Unlikely happen. If victim is conscious and alert, give 2-4 cupfuls of milk or water. Get medical aid immediately.

Inhalation:
Unlikely happen. Get medical aid if cough or other symptoms appear.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media: Use extinguishing media most appropriate for the surrounding fire.

Special exposure hazards: Not available.

Special protective equipment for fire-fighters: As in any fire, wear a self-contained breathing apparatus in pressure-demand, and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions
Use proper personal protective equipment as indicated in Section 8.

Environmental precautions
Keep away from drains, surface-water and ground water and soil. Possibly need to alert the Environmental Protection Authority, or your local Waste Management Authority.

Methods for cleaning up:
Sweep up, and then place into a suitable container for disposal. Avoid entering the waterways.

7. HANDLING AND STORAGE

Handling:

Repeated or prolonged contact with this material should be avoided in order to lessen the possibility of skin sensitizing. It is essential that all who come into contact with this material maintain high standards of personal hygiene ie. Washing hands prior to eating, drinking or going to the toilet.

Storage:
Store in a cool, dry place. Keep away from direct sunlight, strong acid and alkali.

8. EXPOSURE CONTROLS, PERSONAL PROTECTION

Exposure limit values

Ingredients Name	EU OEL	USA ACGIH
NBR	-	-
ZDC	-	-
BZ	-	-
S	-	-
KOH	UK. OELs. TWA is: 2 mg/m3.	2 mg/m3
TiO2	UK. OELs. TWA: 4 mg/m3. (RESPIRABLE) TWA: 10 mg/m3. (TOTAL INHALABEL)	10 mg/m3 TWA
ZnO	-	2 mg/m3 (TWA), 10 mg/m3 (STEL), Respirable fraction
Pigment	-	-

Exposure controls
Good general ventilation should be sufficient to control airborne levels.

Respiratory protection: Not required for normally use.
Hand protection: Not required for normally use.
Eye protection: Not required for normally use.
Skin protection: Not required for normally use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Solid
Odor: none
PH: 7-8
Vapor Density (Air=1): Not available

Specific Gravity (water=1): Not available
Density: Not available
Boiling Point: Not available
Melting Point: Not available
Freezing point: Not available
Flash Point: Not available
Solubility in Water: Not soluble
Viscosity: ≤150
Evaporation Rate (n-Butyl Acetate=1): Not available

10. STABILITY AND REACTIVITY

Stability:
Stable at room temperature under normal storage and handling conditions

Conditions to Avoid:
Incompatible materials, direct sunlight

Materials to Avoid:
Strong acid and alkali

Hazardous Decomposition Products
Carbon monoxide, carbon dioxide, nitrogen oxides, acrid fumes and toxic gases are formed from incomplete combustion.

11. TOXICOLOGICAL INFORMATION

Acute toxicity data
No toxicity data available for this product. However, please refer to the following data for each ingredient:
CAS# 1310-58-3:
LD50/LC50:
Draize test, rabbit, skin: 50 mg/24H Severe;
Oral, rat: LD50 = 273 mg/kg;<BR.
CAS# 14324-55-1
ORL-RAT LD50 700 mg/kg
ORL-MUS LD50 1400 mg/kg
ORL-RBT LD50 400 mg/kg
IPR-MUS LD50 142 mg/kg

Carcinogenicity
Not classifiable as a human carcinogen

Mutagencity
None Know.

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12. ECOLOGICAL INFORMATION

Ecotoxicity:
1310-58-3:
Fish: Mosquito Fish: LC50 = 80.0 mg/L; 24 Hr

Mobility: Not available

Persistence and degradability: Not available

Bioaccumulative potential: Not available

13. DISPOSAL CONSIDERATIONS

Dispose of waste according to EU regulations.

14. TRANSPORT INFORMATION

UN number: 3077

Class: 9

Packing group: III

Proper shipping name: Environmentally hazardous substance, solid, N.O.S.

15. REGULATORY INFORMATION

EU Regulations
Hazard Symbol(s)

Dangerous for the environment, Sensitizing

Risk Phrases:

R43 May cause sensitization by skin contact
(Individual who is sensitive to nitrile-butadiene rubber may cause skin sensitization when wear nitrile examination gloves.)

R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Safety Phrases:

S24	Avoid contact with skin （individual who is sensitive to nitrile-butadiene rubber should avoid contact with skin）
S45	In case of accident or if you feel unwell seek medical advice immediately
S29	Do not empty into drains.
S61	Avoid release to the environment

US Regulations
One or more ingredients are listed on the TSCA inventory.
Section 302 (RQ)
CAS# 1310-58-3: final RQ = 1000 pounds (454 kg)

16. OTHER INFORMATION

Validation Date: 2011.1.10

Risk Phrases in Section 2:

R43	May cause sensitization by skin contact
R22	Harmful if swallowed.
R36/37/38	Irritating to eyes, respiratory system and skin
R35	Causes severe burns
R50/53	Very toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment

This information and these recommendations are offered in good faith and believed to be correct as of the date hereof. Information and recommendations are supplied upon the condition that the recipients will make their own decision as to safety and suitability for their purposes. No representations or warranties, either expressed or implied, of merchantability, fitness for a particular purpose, or of any other nature, are made with respect to the product or the information and recommendations. We make no representation as to completeness or accuracy. In no event shall we be responsible for damages of any nature whatsoever resulting from the use or reliance upon the information and recommendations.

* * * END OF SDS * * *