

SAFETY DATA SHEET

SECTION 1 — IDENTIFICATION

Product Identifier

Reviewed On 07/30/2015

Trade Name: Blockout 901**Details of the supplier of the safety data sheet****Manufacturer / Supplier name and address:****Murakami Screen USA**

745 Monterey Pass Road

Monterey Park, CA 91754

Phone Number: 800-562-3534

Information Department: *Product Safety Department***Emergency Telephone #:** INFOTRAC 1-800-535-5053

(For Chemical Emergency: Spill, Leak, Fire, Exposure or Accident)

IMPORTANT: Read this SDS before handling and disposing of this product. Pass this information on to employees, customers, and users of this product.

SECTION 2 — HAZARD(S) IDENTIFICATION

Classification of the substance or mixture.*This product is not classified according to the Globally Harmonized System (GHS).***Label Elements:****GHS Label Elements:** *Void***Hazard Pictogram:** *Void***Signal Word:** *Void***Hazard Statement:** *Void***Classification System:****NFPA Ratings (Scale 0-4)**Health = 0
Fire = 1
Reactivity = 0

- HMIS-ratings (scale 0 - 4)

Health = 0
Fire = 1
Reactivity = 0

- Other hazards
- Results of PBT and vPvB assessment
- PBT: Not applicable.
- vPvB: Not applicable.

SECTION 3 — COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Characterization: Mixtures

Description: Mixture of the substances listed below with nonhazardous additions.

Dangerous Components:		
67-63-0	propan-2-ol	1 - 5%

SECTION 4 — FIRST AID MEASURES

Description of First Aid Measures

General Information: No special measures.

After Inhalation: Supply fresh air or oxygen; consult doctor in case of complaints.

After Skin Contact: Generally this product does not irritate the skin.

After Eye Contact: Rinse opened eye for several minutes under running water.

After Swallowing: If symptoms persist consult doctor.

Information for doctor:

Most important symptoms and effects, both acute and delayed. No further relevant information available. Indication of any immediate medical attention and special treatment needed.

No further relevant information available.

SECTION 5 — FIRE FIGHTING MEASURES

Extinguishing media

Suitable extinguishing agents: Use fire fighting measures that suit the environment.

Special hazards arising from the substance or mixture: No further relevant information available.

Advice for firefighters

Protective equipment: No special measures required.

SECTION 6 — ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures Not required.

Environmental precautions:

Dilute with plenty of water.

For large spills: Do not allow to enter sewers/ surface or ground water.

Methods and material for containment and cleaning up: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

SECTION 7 — HANDLING & STORAGE

Handling:

Precautions for safe handling No special measures required.

Information about protection against explosions and fires: No special measures required.

Conditions for safe storage, including incompatibilities.

Storage:

Requirements to be met by storerooms and receptacles: No special requirements.

Information about storage in one common storage facility: Not required.

Further information about storage conditions: None

Specific end use(s): No further relevant information available.

SECTION 8 — EXPOSURE CONTROLS/PERSONAL PROTECTION

Additional information about design of technical systems: No further data; see item 7.

Control parameters

Components with limit values that require monitoring at the workplace:

67-63-0 propan-2-ol

PEL	Long term value: 980 mg/m³, 400 ppm
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REL	Short-term value: 1225 mg/m³, 500 ppm
	Long-term value: 980 mg/m³, 400 ppm
TLV	Short-term value: 984 mg/m³, 400 ppm
	Long-term value: 492 mg/m³, 200 ppm
	BEI

Ingredients with biological limit values:

67-63-0 propan-2-ol

BEI	40 mg/L
	Medium: urine
	Time: end of shift at end of workweek
	Parameter: Acetone (background, nonspecific)

Additional information: The lists that were valid during the creation were used as basis.

Exposure Controls

Personal Protective Equipment:

General Protective and Hygienic Measures: The usual precautionary measures for handling chemicals should be followed.

Breathing Equipment: Not required.

Protection of hands: The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.

Material of gloves: The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Penetration time of glove material: The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye protection: Goggles recommended during refilling.

SECTION 9 — PHYSICAL & CHEMICAL PROPERTIES

Information on basic physical and chemical properties

General Information

Appearance:

Form:

Fluid

Color:

According to product specification

Odor:

Characteristic

Odor threshold:

Not determined

pH value at 20°C (68°F) :

5.5

Change in condition

Melting Point/ Melting Range:

Undetermined

Boiling Point/ Boiling Range:

100°C (212°F)

Flash Point:

> 100°C (> 212°F)

Flammability (solid, gaseous):

Not applicable

Ignition temperature:

Decomposition temperature:

Not determined

Auto igniting:

Product is not self-igniting

Danger of explosion:

Product does not present an explosion hazard

Explosion limits:

Lower:

Not determined

Upper:

Not determined

Vapor pressure at 20°C (68°F):

23 hPa (17 mm Hg)

Density at 20°C (68°F):

1.04 g/cm³ (8.679 lbs/gal)

Relative density:

Not determined

Vapor density :

Not determined

Evaporation rate

Not determined

Solubility in/Miscibility with

Water:

Fully miscible

Partition coefficient (n-octanol/water):

Not determined

Viscosity:

Dynamic:

Not determined

Kinematic:

Not determined

Solvent content:

VOC content:

23.9 g/l/ 0.20 lb/gl

Other information:

No other information available

SECTION 10— STABILITY & REACTIVITY

Reactivity: No further relevant information available.

Chemical Stability

Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.

Possibility of hazardous reactions: No dangerous reactions known.

Conditions to avoid: No further relevant information available.

Incompatible materials: No further relevant information.

Hazardous decomposition products: No dangerous decomposition products available.

SECTION 11— TOXICOLOGICAL INFORMATION

Information on toxicological effects

Acute toxicity:

Primary irritant effect:

on the skin: No irritant effect.

on the eye: No irritating effect.

Sensitization: No sensitizing effects known.

Additional toxicological information:

The product is not subject to classification according to internally approved calculation methods for preparations. When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

Carcinogenic categories

IARC (International Agency for Research on Cancer)

None of the ingredients is listed.

NTP (National Toxicology Program)

None of the ingredients is listed.

OSHA-Ca (Occupational Safety & Health Administration)

None of the ingredients is listed.

SECTION 12— ECOLOGICAL INFORMATION

Toxicity

Aquatic toxicity: No further relevant information available.

Persistence and degradability: No further relevant information available.

Behavior in environmental systems:

Bioaccumulative potential: No further relevant information available.

Mobility in soil: No further relevant information available.

Additional ecological information:

General notes: Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

Results of PBT and vPvB assessment

PBT: Not applicable

vPvB: Not applicable

Other adverse effects: No further relevant information available.

SECTION 13— DISPOSAL CONSIDERATIONS

Waste treatment methods

Recommendation: Must be specially treated adhering to official regulations.

Uncleaned packagings:

Recommendation: Dispose of content and/or container in accordance with local, regional, national and/or international regulations.

Recommended: Water, if necessary with cleansing agents.

SECTION 14 — TRANSPORT INFORMATION

- **UN-Number**
- **DOT, ADN, IMDG, IATA** not regulated
- **UN proper shipping name**
- **DOT, ADN, IMDG, IATA** not regulated
- **Transport hazard class(es)**
- **DOT, ADN, IMDG, IATA**
- **Class** not regulated
- **Packaging group**
- **DOT, IMDG, IATA** not regulated
- **Environmental hazards:** not applicable
- **Marine Polutant:** no
- **Special precautions for user** not applicable
- **Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** not applicable
- **UN “Model Regulation”:** not regulated

SECTION 15 — REGULATORY INFORMATION

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Sara**
- **Section 355 (extremely hazardous substances):**
None of the ingredients is listed.
- **Section 313 (Specific toxic chemical listings):**
67-63-0 | propan-2-ol
- **TSCA (Toxic Substances Control Act):**
All ingredients are listed.
- **Proposition 65**
- **Chemicals known to cause cancer:**
None of the ingredients is listed.
- **Chemicals known to cause reproductive toxicity:**
None of the ingredients is listed.
- **Chemicals known to cause developmental toxicity:**
None of the ingredients listed.
- **Carcinogen categories**
- **EPA (Environmental Protection Agency)**
None of the ingredients is listed.
- **TLV (Threshold Limit Value established by ACGIH)**
67-63-0 | propan-2-ol
- **NIOSH-Ca (National Institute for Occupational Safety and Health)**
None of the ingredients is listed
- **GHS label elements:** Void
- **Hazard pictograms:** Void
- **Signal word:** Void
- **Hazard statements:** Void
- **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

SECTION 16— OTHER INFORMATION

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Department issuing SDS: Environmental Protection Agency

Contact: H.S.D

Prepared For: Murakami Screen USA Inc.

Telephone number: 323-980-0662

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Abbreviations and acronyms:

ADR: Accord europeen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

ACGIH: American Conference of Governmental Industrial Hygienists

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (Division of the American Chemical Substances)

NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA)

VOC: Volatile Organic Compounds (USA & EU)