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1. IDENTIFICATION

- **Product identifier**
- **Catalog Number:** 3377000
- **Trade name:** DC12955 Gunther Mirror & More Cleaner™
- **Article number:** 12955
- **Relevant identified uses of the substance or mixture.** No further relevant information available.
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
Gunther Mirror Mastic
Royal Adhesives And Sealants, LLC
2001 W. Washington Street
South Bend IN 46628-2023
- **Information department:** Environment protection department.
- **Emergency telephone number:**
ChemTrec: Day or Night within USA and Canada: 1-800-424-9300.
Outside USA and Canada: +1 703-527-3887 (collect calls accepted)

2. HAZARD(S) IDENTIFICATION

- **Classification of the substance or mixture**



GHS07

- *Skin Irrit. 2 H315 Causes skin irritation.*
- *Eye Irrit. 2A H319 Causes serious eye irritation.*
- *H227 Combustible liquid.*

- **Label elements**
- **GHS label elements** The product is classified and labeled according to the Globally Harmonized System (GHS).
- **Hazard pictograms**



GHS07

- **Signal word** Warning
- **Hazard statements**
Combustible liquid.
Causes skin irritation.
Causes serious eye irritation.
- **Precautionary statements**
If medical advice is needed, have product container or label at hand.
Keep out of reach of children.
Read label before use.
Keep away from flames and hot surfaces. – No smoking.
Wear protective gloves / eye protection / face protection.
Wear protective gloves.

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Wear eye protection / face protection.

Wash thoroughly after handling.

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing.

Specific treatment (see on this label).

If skin irritation occurs: Get medical advice/attention.

If eye irritation persists: Get medical advice/attention.

In case of fire: Use for extinction: CO₂, powder or water spray.

If on skin: Wash with plenty of water.

Take off contaminated clothing and wash it before reuse.

Store in a well-ventilated place. Keep cool.

Dispose of contents/container in accordance with local/regional/national/international regulations.

Classification system:

NFPA ratings (scale 0 - 4)



HMIS-ratings (scale 0 - 4)

HEALTH	0	Health = 0
FIRE	1	Fire = 1
PHYSICAL HAZARD	0	Physical Hazard = 0

Other hazards

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical characterization: Mixtures

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

Dangerous components:

111-76-2 ethylene glycol monobutyl ether	10.0%
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Additional information:

All concentrations are in percent by weight unless the ingredient is a gas. Gas concentrations are in percent by volume. Any pigments or fillers in this product which may be considered "Hazardous" are potentially hazardous only if inhaled as an airborne dust. Exposure by these ingredients as used in sealants, putties, bedding compounds and non-sprayable products is highly unlikely. For the wording of the listed risk phrases refer to section 15.

4. FIRST AID MEASURES

Description of first aid measures

General information: No special measures required.

After inhalation: Supply fresh air; consult doctor in case of complaints.

After skin contact: Generally the 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.

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- **Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

5. FIRE FIGHTING MEASURES

- **Extinguishing media**
- **Suitable extinguishing agents:**
CO², extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Advice for firefighters**
- **Protective equipment:** Wear self-contained respiratory protective device.

6. ACCIDENTAL RELEASE MEASURES

- **Personal precautions, protective equipment and emergency procedures** Not required.
- **Environmental precautions:**
Dilute with plenty of water.
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).
Mop up
- **Reference to other sections** No dangerous substances are released.

7. HANDLING AND STORAGE

- **Handling:**
- **Precautions for safe handling** Ensure good ventilation/exhaustion at the workplace.
- **Information about protection against explosions and fires:** No special measures required.
- **Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** Store in a cool location away from direct heat.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:**
Protect product from freezing.
Will freeze.
- **Specific end use(s)** No further relevant information available.

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:**

111-76-2 ethylene glycol monobutyl ether	
PEL	Long-term value: 240 mg/m ³ , 50 ppm Skin
REL	Long-term value: 24 mg/m ³ , 5 ppm Skin
TLV	Long-term value: 97 mg/m ³ , 20 ppm BEI

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- Ingredients with biological limit values:	
111-76-2 ethylene glycol monobutyl ether	
BEI	200 mg/g creatinine
	Medium: urine
	Time: end of shift
	Parameter: Butoxyacetic acid with hydrolysis

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

- **Exposure controls**

- **Personal protective equipment (see listings below)**

- **General protective and hygienic measures:**

The usual precautionary measures for handling chemicals should be followed.

- **Breathing equipment:** Not required.

- **Protection of hands:**



Protective gloves

- **Eye protection:** Safety glasses with side shields.

9. PHYSICAL AND CHEMICAL PROPERTIES

- Information on basic physical and chemical properties	
- General Information	
- Appearance:	
Form:	Fluid
Color:	Yellow
Odor:	Characteristic
- Change in condition	
Melting point:	Undetermined.
Boiling point:	171° C (340° F)
Flash point:	N/A
Ignition temperature:	N/A
Auto igniting:	Product is not self-igniting
Danger of explosion:	Product does not present an explosion hazard.
- Flammable limits:	
Lower:	1.1 Vol %
Upper:	10.6 Vol %
- Vapor pressure at 20° C (68° F): 1.2 hPa (1 mm Hg)	
Specific gravity:	0.996
- Solubility in / Miscibility with	
Water:	Not soluble
- Solvent content:	
Organic solvents:	10.0 %
Solids content:	0.0 %

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· Other information	VOC: = .829 LBS/GAL WEIGHT PER GALLON: = 9.29 LBS/GAL
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10. STABILITY AND REACTIVITY

- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** Avoid contamination with alkalis or carbon dioxide.
- **Hazardous decomposition products:** Carbon monoxide and carbon dioxide

11. TOXICOLOGICAL INFORMATION

- **Information on toxicological effects**
- **Acute toxicity:**
- **Primary irritant effect:**
- **on the skin:** No irritating 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 are listed.
· NTP (National Toxicology Program)	None of the ingredients are listed.
· OSHA-Ca (Occupational Safety & Health Administration)	None of the ingredients are listed.

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:**
Water hazard class 1 (Self-assessment): slightly hazardous for water
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.

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· **Other adverse effects** No further relevant information available.

13. DISPOSAL CONSIDERATIONS

- **Waste treatment methods**
- **Recommendation:** Smaller quantities can be disposed of with household waste.
- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.
- **Recommended cleansing agent:** Water, if necessary with cleansing agents.

14. TRANSPORT INFORMATION

· UN-Number · DOT, ADR, ADN, IMDG, IATA	not regulated
· UN proper shipping name · DOT, ADR, ADN, IMDG, IATA	not regulated
· Transport hazard class(es) · DOT, ADN · Class	not regulated
· ADR, IMDG, IATA · Class	not regulated Not Regulated
· Packing group · DOT, ADR, IMDG, IATA	not regulated
· Environmental hazards: · Marine pollutant:	.
· Special precautions for user	Not applicable.
· Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.
· Transport/Additional information:	Protect product from freezing when transported during periods of cold [freezing] weather. Not dangerous according to the above specifications.
· UN "Model Regulation":	-

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):**

None of the ingredients is listed.

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· TSCA (Toxic Substances Control Act):
<i>All components of this product are on the TSCA Inventory or are exempt from TSCA Inventory requirements.</i>
· Proposition 65
· Chemicals known to cause cancer:
<i>None of the ingredients are listed.</i>
· Chemicals known to cause reproductive toxicity:
<i>None of the ingredients are listed.</i>
· Carcinogenicity categories
· EPA (Environmental Protection Agency)
<i>None of the ingredients are listed.</i>
· TLV (Threshold Limit Value established by ACGIH)
<i>None of the ingredients are listed.</i>
· MAK (German Maximum Workplace Concentration)
<i>None of the ingredients are listed.</i>
· NIOSH-Ca (National Institute for Occupational Safety and Health)
<i>None of the ingredients are listed.</i>
· National regulations:
· Water hazard class: Water hazard class 1 (Self-assessment): <i>slightly hazardous for water.</i>
· Chemical safety assessment: <i>A Chemical Safety Assessment has not been carried out.</i>

16. OTHER INFORMATION

Although the information and recommendations set forth in this SDS are presented in good faith and are believed to be correct as of the date of this SDS, Royal Adhesives & Sealants makes no representations as to the completeness or accuracy thereof. Information is supplied on the condition that the persons receiving and using it will make their own determination as to the suitability for their purpose prior to use. In no event will Royal Adhesives & Sealants or any affiliate thereof be responsible for damages of any nature whatsoever resulting from the use or reliance on the information set forth in the SDS.

· **Department issuing SDS:** *Environment protection department.*

· **Creation Date:** *04/01/2003*

· **Date of preparation / last revision** *03/05/2015 / 1*

· **Abbreviations and acronyms:**

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

ICAO: International Civil Aviation Organisation

ADR: Accord européen 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 Society)

NFPA: National Fire Protection Association (USA)

HMS: Hazardous Materials Identification System (USA)

: Flammable liquids, Hazard Category 4

Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2

Eye Irrit. 2A: Serious eye damage/eye irritation, Hazard Category 2A