

Printing date 03/22/2016

Reviewed on 03/22/2016

1 Identification

- **Product identifier**
- **Trade name:** RUBBER REJUVENATOR
- **Article number:** A942
- **Application of the substance / the mixture** Roller and Rubber Blanket Cleaner
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
Printers' Service, Inc.
26 Blanchard Street
Newark, NJ 07105
- **Information department:** 1-973-589-7800, Prisco email address - safety@prisco.com
- **Emergency telephone number:** CHEMTREC (24 hr) 1-800-424-9300

2 Hazard(s) identification

- **Classification of the substance or mixture**



Flame

Flam. Liq. 3 H226 Flammable liquid and vapor.



Health hazard

Carc. 2 H351 Suspected of causing cancer.
Repr. 1B H360 May damage fertility or the unborn child.
Asp. Tox. 1 H304 May be fatal if swallowed and enters airways.



Skin Irrit. 2 H315 Causes skin irritation.
Eye Irrit. 2A H319 Causes serious eye irritation.
STOT SE 3 H336 May cause drowsiness or dizziness.

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



GHS02



GHS07



GHS08

- **Signal word** Danger
- **Hazard-determining components of labeling:**
2-methoxy-1-methylethyl acetate
aliphatic petroleum distillate (C9-11)
Solvent naphtha (petroleum), light arom.
1,2,4-trimethylbenzene
- **Hazard statements**
Flammable liquid and vapor.
Causes skin irritation.
Causes serious eye irritation.

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*Suspected of causing cancer.**May damage fertility or the unborn child.**May cause drowsiness or dizziness.**May be fatal if swallowed and enters airways.***· Precautionary statements***Keep away from heat/sparks/open flames/hot surfaces. No smoking.**Use explosion-proof electrical/ventilating/lighting/equipment.**Avoid breathing dust/fume/gas/mist/vapors/spray**Wear protective gloves / eye protection / face protection.**Ground/bond container and receiving equipment.**Use only non-sparking tools.**Take precautionary measures against static discharge.**Wash thoroughly after handling.**Use only outdoors or in a well-ventilated area.**Obtain special instructions before use.**Do not handle until all safety precautions have been read and understood.**IF SWALLOWED: Immediately call a POISON CENTER/ doctor.**If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.**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).**Do NOT induce vomiting.**IF INHALED: Remove person to fresh air and keep comfortable for breathing.**Call a POISON CENTER/doctor if you feel unwell.**IF exposed or concerned: Get medical advice/attention.**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 foam.**Take off contaminated clothing and wash it before reuse.**Store locked up.**Store in a well-ventilated place. Keep container tightly closed.**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)****· Other hazards****· Results of PBT and vPvB assessment****· PBT:** Not applicable.**· vPvB:** Not applicable.

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3 Composition/information on ingredients**· Chemical characterization: Mixtures****· Description:** Mixture of the substances listed below with nonhazardous additions.

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· **Dangerous components:**

108-65-6 2-methoxy-1-methylethyl acetate	50 - 60%
 Flam. Liq. 3, H226	
 Repr. 1B, H360	
64742-48-9 aliphatic petroleum distillate (C9-11)	20 - 30%
 Flam. Liq. 3, H226	
 Asp. Tox. 1, H304	
 Skin Irrit. 2, H315; Eye Irrit. 2A, H319; STOT SE 3, H336	
64742-95-6 Solvent naphtha (petroleum), light arom.	5 - 10%
 Flam. Liq. 3, H226	
 Muta. 1B, H340; Carc. 1B, H350; Asp. Tox. 1, H304	
95-63-6 1,2,4-trimethylbenzene	5 - 10%
 Flam. Liq. 3, H226	
 Aquatic Chronic 2, H411	
 Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2A, H319; STOT SE 3, H335	

· **Additional information:** For the wording of the listed hazard phrases refer to section 16.

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4 First-aid measures

- **Description of first aid measures**
- **General information:** Immediately remove any clothing soiled by the product.
- **After inhalation:** In case of unconsciousness place patient stably in side position for transportation.
- **After skin contact:**
Immediately wash with water and soap and rinse thoroughly.
Immediately rinse with water.
- **After eye contact:**
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **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.

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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.
- **For safety reasons unsuitable extinguishing agents:** Water with full jet
- **Special hazards arising from the substance or mixture** No further relevant information available.
- **Advice for firefighters**
- **Protective equipment:** Wear self-contained respiratory protective device.

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6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**
Wear protective equipment. Keep unprotected persons away.
- **Environmental precautions:**
Prevent seepage into sewage system, workpits and cellars.
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) and place into removal containers

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Dispose contaminated material as waste according to item 13.
 Ensure adequate ventilation.
 · **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.

* 7 Handling and storage

- **Handling:**
- **Precautions for safe handling**
 Store in cool, dry place in tightly closed receptacles.
 Ensure good ventilation/exhaustion at the workplace.
 Open and handle receptacle with care.
 Prevent formation of aerosols.
- **Information about protection against explosions and fires:**
 Keep ignition sources away - Do not smoke.
 Protect against electrostatic charges.
 Keep respiratory protective device available.
- **Conditions for safe storage, including any 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:** Keep receptacle tightly sealed.
- **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:**
 The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit.
 At this time, the other constituents have no known exposure limits.
- 108-65-6 2-methoxy-1-methylethyl acetate**
 WEEL Long-term value: 50 ppm
- 95-63-6 1,2,4-trimethylbenzene**
 REL Long-term value: 125 mg/m³, 25 ppm
 TLV Long-term value: 123 mg/m³, 25 ppm
- 98-82-8 cumene**
 PEL Long-term value: 245 mg/m³, 50 ppm
 Skin
- REL Long-term value: 245 mg/m³, 50 ppm
 Skin
- TLV Long-term value: 246 mg/m³, 50 ppm
- 1330-20-7 xylene**
 PEL Long-term value: 435 mg/m³, 100 ppm

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REL Short-term value: 655 mg/m³, 150 ppm
Long-term value: 435 mg/m³, 100 ppm

TLV Short-term value: 651 mg/m³, 150 ppm
Long-term value: 434 mg/m³, 100 ppm
BEI

100-41-4 ethylbenzene

PEL Long-term value: 435 mg/m³, 100 ppm

REL Short-term value: 545 mg/m³, 125 ppm
Long-term value: 435 mg/m³, 100 ppm

TLV Long-term value: 87 mg/m³, 20 ppm
BEI

· Ingredients with biological limit values:**1330-20-7 xylene**

BEI 1.5 g/g creatinine
Medium: urine
Time: end of shift
Parameter: Methylhippuric acids

100-41-4 ethylbenzene

BEI 0.7 g/g creatinine
Medium: urine
Time: end of shift at end of workweek
Parameter: Sum of mandelic acid and phenylglyoxylic acid (nonspecific, semi-quantitative)

-
Medium: end-exhaled air
Time: not critical
Parameter: Ethyl benzene (semi-quantitative)

· Additional information: The lists that were valid during the creation were used as basis.**· Exposure controls****· Personal protective equipment:****· General protective and hygienic measures:**

Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing.
Wash hands before breaks and at the end of work.
Store protective clothing separately.
Avoid contact with the eyes and skin.

· Breathing equipment:

In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.
Suitable respiratory protective device recommended, but not necessary if room is well-ventilated.

· Protection of hands:

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

· Material of gloves

To find the recommended glove material to use when handling Prisco® pressroom chemistry we advise to visit www.prisco.com. Choose location & preferred language and go to the "Support" drop-down box where you select: "Safety Glove Recommendation". Now click on the PDF-hyperlink to obtain the document in the language of your preference.

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 cannot be calculated in advance and has therefore to be checked prior to the application.

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- **Penetration time of glove material**

The exact breakthrough time has to be found out by the manufacturer of the protective gloves and has to be observed.

- **Eye protection:**



Tightly sealed goggles

* 9 Physical and chemical properties

- **Information on basic physical and chemical properties**

- **General Information**

- **Appearance:**

Form: Liquid

Color: Clear

- **Odor:** Characteristic

- **Odor threshold:** Not determined.

- **pH-value:** Not Applicable

- **Change in condition**

Melting point/Melting range: Not Applicable

Boiling point/Boiling range: 145 °C (293 °F)

- **Flash point:** 41 °C (106 °F)

- **Flammability (solid, gaseous):** Not applicable.

- **Ignition temperature:** 240 °C (464 °F)

- **Decomposition temperature:** Not information available

- **Auto igniting:** Product is not selfigniting.

- **Danger of explosion:** Product is not explosive. However, formation of explosive air/vapor mixtures are possible.

- **Explosion limits:**

Lower: 1.0 Vol %

Upper: 13.1 Vol %

- **Vapor pressure at 20 °C (68 °F):** 3.6 hPa (3 mm Hg)

- **Density at 20 °C (68 °F):** 0.888 g/cm³ (7.41 lbs/gal)

- **Relative density** Not determined.

- **Vapor density** Not determined.

- **Evaporation rate** Not determined.

- **Solubility in / Miscibility with**

Water: Partly miscible.

- **Partition coefficient (n-octanol/water):** Not determined.

- **Viscosity:**

Dynamic: Not applicable.

Kinematic: Not determined.

- **Solvent content:**

VOC content 887.7 g/l / 7.41 lb/gal

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Trade name: RUBBER REJUVENATOR
· **Other information**

No further relevant information available.

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* 10 Stability and reactivity

- **Reactivity** Avoid strong oxidizing agents, strong bases and strong acids.
- **Chemical stability** Stable under normal conditions
- **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 available.
- **Hazardous decomposition products:** Carbon monoxide and carbon dioxide

* 11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:**
- **LD/LC50 values that are relevant for classification:**

64742-48-9 aliphatic petroleum distillate (C9-11)
 Oral LD50 >5000 mg/kg (rat)
 Dermal LD50 >3000 mg/kg (rab)

64742-95-6 Solvent naphtha (petroleum), light arom.
 Oral LD50 >6800 mg/kg (rat)
 Dermal LD50 >3400 mg/kg (rab)
 Inhalative LC50/4 h >10.2 mg/l (rat)

95-63-6 1,2,4-trimethylbenzene
 Oral LD50 5000 mg/kg (rat)
- **Primary irritant effect:**
- **on the skin:** Irritant to skin and mucous membranes.
- **on the eye:** Irritating effect.
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:**
 The product shows the following dangers according to internally approved calculation methods for preparations:
 Product may cause irritation.
- **Carcinogenic categories**
- **IARC (International Agency for Research on Cancer)**

98-82-8 cumene: 2B
 1330-20-7 xylene: 3
 100-41-4 ethylbenzene: 2B
 108-88-3 toluene: 3
 71-43-2 benzene: 1
 91-20-3 naphthalene: 2B
- **NTP (National Toxicology Program)**

98-82-8 cumene: R
 71-43-2 benzene: K
 91-20-3 naphthalene: R
- **OSHA-Ca (Occupational Safety & Health Administration)**

71-43-2 benzene

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* **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 2 (Self-assessment): hazardous for water
 - Do not allow product to reach ground water, water course or sewage system.
 - Danger to drinking water if even small quantities leak into the ground.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects** No further relevant information available.

13 Disposal considerations

- **Waste treatment methods**
- **Recommendation:**
 - Product must not be disposed of together with household refuse. Do not allow product to reach sewage system.
- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.

* **14 Transport information**

- | | |
|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|
| · DOT | NA1993 |
| · UN proper shipping name | |
| · DOT | COMBUSTIBLE LIQUID, N.O.S (2-methoxy-1-methylethyl acetate, aliphatic petroleum distillate (C9-11)) |
| · ADR | 1993 Flammable liquids, n.o.s. (2-methoxy-1-methylethyl acetate, aliphatic petroleum distillate (C9-11)) |
| · Transport hazard class(es) | |
| · DOT | |
|  | |
| · Class | 3 Combustible liquids |
| · Label | 3 |
| · Class | 3 Flammable liquids |
| · Label | 3 |
| · Packing group | |
| · DOT, ADR | III |
| · Environmental hazards: | Not applicable. |
| · Special precautions for user | Warning: Flammable liquids |
| · Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code | Not applicable. |
| · DOT | Not regulated in containers under 119 gallons. |

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- **Quantity limitations** On passenger aircraft/rail: 60 L
On cargo aircraft only: 220 L
- **Excepted quantities (EQ)** Code: E1
Maximum net quantity per inner packaging: 30 ml
Maximum net quantity per outer packaging: 1000 ml
- **Limited quantities (LQ)** 5L
- **Excepted quantities (EQ)** Code: E1
Maximum net quantity per inner packaging: 30 ml
Maximum net quantity per outer packaging: 1000 ml
- **UN "Model Regulation":** UN 1993 FLAMMABLE LIQUIDS, N.O.S. (2-METHOXY-1-METHYLETHYL ACETATE, ALIPHATIC PETROLEUM DISTILLATE (C9-11)), 3, III

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15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**

- **Sara**

- **Section 355 (extremely hazardous substances):**

None of the ingredient is listed.

- **Section 313 (Specific toxic chemical listings):**

95-63-6 1,2,4-trimethylbenzene

98-82-8 cumene

1330-20-7 xylene

100-41-4 ethylbenzene

108-88-3 toluene

71-43-2 benzene

91-20-3 naphthalene

- **TSCA (Toxic Substances Control Act):**

All ingredients are listed.

- **Proposition 65**

- **Chemicals known to cause cancer:**

98-82-8 cumene

100-41-4 ethylbenzene

71-43-2 benzene

91-20-3 naphthalene

- **Chemicals known to cause reproductive toxicity for females:**

None

- **Chemicals known to cause reproductive toxicity for males:**

71-43-2 benzene

- **Chemicals known to cause developmental toxicity:**

108-88-3 toluene

71-43-2 benzene

- **Carcinogenicity categories**

- **EPA (Environmental Protection Agency)**

98-82-8 cumene: D, CBD

1330-20-7 xylene: I

100-41-4 ethylbenzene: D

108-88-3 toluene: II

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- 71-43-2 benzene: A, K/L
 91-20-3 naphthalene: C, CBD
 · **TLV (Threshold Limit Value established by ACGIH)**
 1330-20-7 xylene: A4
 100-41-4 ethylbenzene: A3
 108-88-3 toluene: A4
 71-43-2 benzene: A1
 91-20-3 naphthalene: A4
 · **MAK (German Maximum Workplace Concentration)**
 100-41-4 ethylbenzene: 3A
 71-43-2 benzene: 1
 91-20-3 naphthalene: 2
 · **NIOSH-Ca (National Institute for Occupational Safety and Health)**
 71-43-2 benzene
 · **National regulations:**
 · **Water hazard class:** Water hazard class 2 (Self-assessment): hazardous for water.
 · **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

* 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.

- **Relevant phrases**
 H226 Flammable liquid and vapor.
 H304 May be fatal if swallowed and enters airways.
 H315 Causes skin irritation.
 H319 Causes serious eye irritation.
 H332 Harmful if inhaled.
 H335 May cause respiratory irritation.
 H336 May cause drowsiness or dizziness.
 H340 May cause genetic defects.
 H350 May cause cancer.
 H360 May damage fertility or the unborn child.
 H411 Toxic to aquatic life with long lasting effects.
- **Department issuing SDS:**
 · **Contact:** CHEMTREC (24hr) 1-800-424-9300, Printers Service 1-973-589-7800
 · **Date of preparation / last revision** 03/22/2016 / -
 · **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)
 HMIS: Hazardous Materials Identification System (USA)
 VOC: Volatile Organic Compounds (USA, EU)

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*LC50: Lethal concentration, 50 percent**LD50: Lethal dose, 50 percent**PBT: Persistent, Bioaccumulative and Toxic**vPvB: very Persistent and very Bioaccumulative**NIOSH: National Institute for Occupational Safety**OSHA: Occupational Safety & Health**TLV: Threshold Limit Value**PEL: Permissible Exposure Limit**REL: Recommended Exposure Limit**BEI: Biological Exposure Limit**Flam. Liq. 3: Flammable liquids, Hazard Category 3**Acute Tox. 4: Acute toxicity, Hazard Category 4**Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2**Eye Irrit. 2A: Serious eye damage/eye irritation, Hazard Category 2A**Muta. 1B: Germ cell mutagenicity, Hazard Category 1B**Carc. 1B: Carcinogenicity, Hazard Category 1B**Carc. 2: Carcinogenicity, Hazard Category 2**Repr. 1B: Reproductive toxicity, Hazard Category 1B**STOT SE 3: Specific target organ toxicity - Single exposure, Hazard Category 3**Asp. Tox. 1: Aspiration hazard, Hazard Category 1**Aquatic Chronic 2: Hazardous to the aquatic environment - Chronic Hazard, Category 2**** Data compared to the previous version altered.**

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