

Material Safety Data Sheet

acc. to ISO/DIS 11014

Printing date 01/31/2008

Reviewed on 01/31/2008





1 Identification of substance

- **Product details**
- **Trade name:** SEM Pro-Tex Pot Life Extender
- **Article number:** 25313Z
- **Distributed By:**
The Easthill Group
dba/ The Eastwood Company
263 Shoemaker Road
Pottstown, PA 19464
- **Information department:**
USA & Canada: 800-345-1178
Outside USA: 610-323-2200
- **Emergency information:** 24 HR EMERGENCY CHEMTREC 1-800-424-9300

2 Composition/Data on components

- **Chemical characterization**
- **Description:** Mixture of the substances listed below with nonhazardous additions.

- **Dangerous components:**

75-65-0	2-methylpropan-2-ol	Danger:  2.6/2	50-75%
		Warning:  3.1.I/4	
123-86-4	n-butyl acetate	Warning:  2.6/3;  3.8/3	25-50%

3 Hazards identification

- **Hazard description:**



Harmful

- **Information pertaining to particular dangers for man and environment:**
The product has to be labelled due to the calculation procedure of international guidelines.
Harmful by inhalation.
Irritating to eyes, respiratory system and skin.
- **Classification system:**
The classification was made according to the latest editions of international substances lists, and expanded upon from company and literature data.
- **NFPA ratings (scale 0 - 4)**



Health = 2
Fire = 3
Reactivity = 0

- **HMIS-ratings (scale 0 - 4)**



Health = 2
Fire = 3
Reactivity = 0

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· GHS label elements**Danger**

2.6/2 - Highly flammable liquid and vapour.

**Warning**

3.1/4 - Harmful if inhaled.

3.2/2 - Causes skin irritation.

3.3/2A - Causes serious eye irritation.

3.8/3 - May cause respiratory irritation.

· Prevention:*Keep away from heat/sparks/open flames/hot surfaces. - No smoking.**Keep container tightly closed.**Ground/bond container and receiving equipment.**Use explosion-proof electrical/ventilating/lighting/ equipment.**Use only non-sparking tools.**Take precautionary measures against static discharge.**Avoid breathing dust/fume/gas/mist/vapours/spray.**Wash thoroughly after handling.**Use only outdoors or in a well-ventilated area.**Wear protective gloves/protective clothing/eye protection/face protection.***· Response:***IF ON SKIN: Wash with plenty of soap and water.**IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.**IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.**IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.**Continue rinsing.**Call a POISON CENTER or doctor/physician if you feel unwell.**Specific treatment (see label).**If skin irritation occurs: Get medical advice/attention.**If eye irritation persists: Get medical advice/attention.**Take off contaminated clothing and wash before reuse.**In case of fire: Use for extinction: CO2, powder or water spray.***· Storage:***Store in a well-ventilated place. Keep container tightly closed.**Store in a well-ventilated place. Keep cool.**Store locked up.***· Disposal:***Dispose of contents/container in accordance with local/regional/national/international regulations.***4 First aid measures****· General information:***Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.***· After inhalation:***Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.**In case of unconsciousness place patient stably in side position for transportation.*

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- **After skin contact:** Immediately wash with water and soap and rinse thoroughly.
- **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.

5 Fire fighting measures

- **Suitable extinguishing agents:**
CO2, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Protective equipment:** Mouth respiratory protective device.

6 Accidental release measures

- **Person-related safety precautions:** Wear protective equipment. Keep unprotected persons away.
- **Measures for environmental protection:** Do not allow to enter sewers/ surface or ground water.
- **Measures for cleaning/collecting:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose contaminated material as waste according to item 13.
Ensure adequate ventilation.

7 Handling and storage

- **Handling:**
- **Information for safe handling:** Ensure good ventilation/exhaustion at the workplace.
- **Information about protection against explosions and fires:** Keep ignition sources away - Do not smoke.
- **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.

8 Exposure controls and personal protection

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

· **Components with limit values that require monitoring at the workplace:**

75-65-0 2-methylpropan-2-ol

PEL	300 mg/m³, 100 ppm
REL	Short-term value: 450 mg/m³, 150 ppm Long-term value: 300 mg/m³, 100 ppm
TLV	303 mg/m³, 100 ppm

123-86-4 n-butyl acetate

PEL	710 mg/m³, 150 ppm
REL	Short-term value: 950 mg/m³, 200 ppm Long-term value: 710 mg/m³, 150 ppm
TLV	Short-term value: 950 mg/m³, 200 ppm Long-term value: 713 mg/m³, 150 ppm

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

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· 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.**Avoid contact with the eyes and skin.***· Breathing equipment:***In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.***· Protection of hands:**

Protective gloves

*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:**

Tightly sealed goggles

9 Physical and chemical properties**· General Information**

Form:	Liquid
Color:	According to product specification
Odor:	Characteristic

· Change in condition**Melting point/Melting range:** Undetermined.**Boiling point/Boiling range:** 83°C (181°F)**· Flash point:** 11°C (52°F)**· Ignition temperature:** 370°C (698°F)**· Auto igniting:** Product is not selfigniting.**· Danger of explosion:** Product does not present an explosion hazard.
In use, may form flammable/explosive vapour-air mixture.

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· **Explosion limits:****Lower:** 1.2 Vol %**Upper:** 8.0 Vol %· **Vapor pressure at 20°C (68°F):** 40 hPa (30 mm Hg)· **Density at 20°C (68°F):** 0.803 g/cm³· **Solubility in / Miscibility with****Water:** Not miscible or difficult to mix.· **Solvent content:****Organic solvents:** 100.0 %**VOC content:** 100.0 %

803.0 g/l / 6.70 lb/gl

10 Stability and reactivity· **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.· **Dangerous reactions** No dangerous reactions known.· **Dangerous products of decomposition:** No dangerous decomposition products known.**11 Toxicological information**· **Acute toxicity:**· **LD/LC50 values that are relevant for classification:**

75-65-0 2-methylpropan-2-ol

Oral LD50 3500 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:

Harmful

Irritant

12 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.

13 Disposal considerations· **Product:**· **Recommendation:**

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

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- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.

14 Transport information· **DOT regulations:**

- **Hazard class:** 3
- **Identification number:** UN1263
- **Packing group:** II
- **Proper shipping name (technical name):** PAINT RELATED MATERIAL
- **Label:** 3

· **Land transport TDG (Canada) and ADR/RID (Europe):**

- **Hazard class:** 3 Flammable liquids
- **UN-Number:** 1263
- **Packaging group:** II
- **Label:** 3
- **Description of goods:** 1263 PAINT RELATED MATERIAL, special provision 640D

· **Maritime transport IMDG:**

- **IMDG Class:** 3
- **UN Number:** 1263
- **Label:** 3
- **Packaging group:** II
- **EMS Number:** F-E,S-E
- **Marine pollutant:** No
- **Propper shipping name:** PAINT RELATED MATERIAL

· **Air transport ICAO-TI and IATA-DGR:**

- **ICAO/IATA Class:** 3
- **UN/ID Number:** 1263
- **Label:** 3
- **Packaging group:** II

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· **Propper shipping name:** PAINT RELATED MATERIAL

· **UN "Model Regulation":** UN1263; PAINT RELATED MATERIAL; 3; II

15 Regulations

· **Sara**

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

None of the ingredient is listed.

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

75-65-0 2-methylpropan-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 for females:**

None of the ingredients is listed.

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

None of the ingredients is listed.

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

None of the ingredients is listed.

· **Cancerogenity categories**

· **EPA (Environmental Protection Agency)**

None of the ingredients is listed.

· **IARC (International Agency for Research on Cancer)**

None of the ingredients is listed.

· **NTP (National Toxicology Program)**

None of the ingredients is listed.

· **TLV (Threshold Limit Value established by ACGIH)**

75-65-0 2-methylpropan-2-ol

A4

· **NIOSH-Ca (National Institute for Occupational Safety and Health)**

None of the ingredients is listed.

· **OSHA-Ca (Occupational Safety & Health Administration)**

None of the ingredients is listed.

· **Product related hazard informations:**

The product has been classified and marked in accordance with directives on hazardous materials.

· **Hazard symbols:**

Harmful

· **Hazard-determining components of labelling:**

2-methylpropan-2-ol

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· Risk phrases:*Harmful by inhalation.**Irritating to eyes, respiratory system and skin.***· Safety phrases:***Keep out of the reach of children.**Keep container in a well-ventilated place.**If swallowed, seek medical advice immediately and show this container or label.**Dispose of this material and its container to hazardous or special waste collection point.***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 MSDS: Environment protection department.**· Contact:** Steve Gaver**· Abbreviations and acronyms:**

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

RID: Reglement internationale concernent le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)

ICAO: International Civil Aviation Organization

ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

ACGIH: American Conference of Governmental Industrial Hygienists

NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA)

VOC: Volatile Organic Compounds (USA, EU)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

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