

MATERIAL SAFETY DATA SHEET

SECTION I - Product/ Company Identification

Product trade name: *ProCaliber Products Self-Curing Acrylic Repair Paste Base*
Part (item) number: 11111, 11111-CASE, 11111-CCC
Manufacturer: Best Practices Enterprises
Address: PO Box 131013
City, state, zip: Carlsbad, Ca. 92013
Emergency telephone number: (800) 424-9300 / (703) 527-3887 (Chemtrec)
Information telephone number: (800) 835-0885 / (847) 677-5500
Revision date: 3/3/2010 MSDS-106 Rev 000

SECTION II - Hazardous Ingredients/Identity Information

HAZARDOUS COMPONENTS	%	CAS NO.	SYMBOL	R	OTHER LIMITS
mixture of methacrylate resins	27 - 33	[109-16-0, 6606-59-3, 72869-86-4, 41637-38-	Xi	36/37/38-43	SARA: No, TSCA: Yes

SECTION III - Hazards Identification

HAZARD CLASSIFICATION: Irritant
Irritating to eyes, respiratory system and skin. May cause sensitization by skin contact.

SECTION IV - First Aid Measures

Oral exposure: If swallowed, wash out mouth with water. Call a physician.
Inhalation exposure: If inhaled, remove to fresh air.
Dermal exposure: In case of contact, immediately wash skin with soap and copious amount of water.
Eye exposure: In case of contact, immediately flush eyes with copious amounts of water for at least 15 minutes.
Call a physician.

SECTION V - Fire-Fighting Measures

EXTINGUISHING MEDIA

Suitable: Water spray, carbon dioxide, dry chemical powder or appropriate foam.

FIREFIGHTING

Protective equipment: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.
Specific hazard(s): Emits toxic fumes under fire conditions.
Specific method(s): Use water spray to cool fire-exposed containers with product. Keep containers with base paste away from containers with catalyst paste.

SECTION VI - Accidental Release Measures

Personal precaution(s): Wear gloves, safety glasses, protective clothing.
Environmental precaution(s): Keep spilled material out of sewers.
Cleaning up method(s): Ventilate area and wipe spill site with isopropyl alcohol or acetone after material pickup is complete.

SECTION VII - Handling and Storage

Handling: Keep away from heat. Do not breath vapor. Do not get in eyes, on skin or clothing. Avoid prolonged or repeated exposure.
Storage: Do not store in direct sunlight. Store at room temperature in a dry place. Keep container tightly closed when not in use. Store in containers supplied by manufacturer.
Other precautions: Use according to directions. Avoid contact with eyes, skin and soft tissue.

SECTION VIII - Exposure Controls / Personal Protection

General hygiene measures: Wash hands thoroughly after handling. Wash contaminated clothing before reuse.
Personal protective equipment: Wear safety glasses and chemical-resistant gloves.

SECTION IX - Physical and Chemical Properties

Appearance:	Colored homogeneous paste	
Odor:	Slight acrylic	
pH:	N/A	
Boiling point range:	N/A	
Melting point range:	N/A	
Freezing point:	N/A	
Flash point [base] (closed cup):	N/A	
Specific gravity:	1.59	
Water solubility:	Not soluble	N/A = Not available

SECTION X - Stability and Reactivity

Stability:	Stable under normal conditions.
Conditions to avoid:	Exposure to light and elevated temperatures and regular light.
Materials to avoid:	Strong oxidizing agents, strong bases.
Hazardous decomposition products:	Carbon monoxide and carbon dioxide.
Hazardous polymerization:	May occur.

SECTION XI - Toxicological Information

ROUTE OF EXPOSURE

Skin contact:	May cause skin irritation.
Skin absorption:	May be harmful if absorbed through the skin.
Eye contact:	May cause eye irritation.
Inhalation:	May cause irritation to mucous membranes and upper respiratory tract.
Ingestion:	May be harmful if swallowed.

SENSITIZATION

Prolonged or repeated exposure may cause allergic reactions in certain sensitive individuals.

SIGNS AND SYMPTOMS OF EXPOSURE

Burning sensation, coughing, wheezing, laryngitis, shortness of breath, headache, nausea and vomiting.

SECTION XII - Ecological Information

No information available.

SECTION XIII - Disposal Considerations

Dispose of in accordance with federal, state and local regulations.

SECTION XIV - Transport Information

DOT Classification:	Not a DOT controlled material. This material is considered to be non-hazardous for transport.
IATA Classification:	Not a IATA controlled material. This material is considered to be non-hazardous for air transport.

SECTION XV - Regulatory Information

EU DIRECTIVES CLASSIFICATION

Symbol of danger:	Xi
Indication of danger:	Irritant
R:	36/37/38-43
Risk statements:	Irritating to eyes, respiratory system and skin. May cause sensitization by skin contact.
S:	26-36
Safety statements:	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable protective clothing.

SECTION XVI - Other Information

DISCLAIMER

For professional use only. Not for household or other uses.

The above information is based on presently available data and to our best knowledge for handling the product under normal conditions. Any use of this product in any way not indicated on this document or using it together with any other process/procedure will be exclusively under the user's responsibility.

MATERIAL SAFETY DATA SHEET

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Manufacturer: Best Practices Enterprises
Address: PO Box 131013
City, state, zip: Carlsbad, Ca. 92013
Emergency telephone number: (800) 424-9300 / (703) 527-3887 (Chemtrec)
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Personal protective equipment: Wear safety glasses and chemical-resistant gloves.

SECTION IX - Physical and Chemical Properties

Appearance:	White homogeneous paste	
Odor:	Slight acrylic	
pH:	N/A	
Boiling point range:	N/A	
Melting point range:	N/A	
Freezing point:	N/A	
Flash point [catalyst] (closed cup):	N/A	
Specific gravity:	1.59	
Water solubility:	Not soluble	N/A = Not available

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SIGNS AND SYMPTOMS OF EXPOSURE

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SECTION XII - Ecological Information

No information available.

SECTION XIII - Disposal Considerations

Dispose of in accordance with federal, state and local regulations.

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Material Safety Data Sheet

According to ISO/DIS 11014

Printing date 11/09/2005

Reviewed on 11/09/2005

1 Identification of substance:

- **Product details:**
- **Trade name: Flitz Metal Polish, Fiberglass & Paint Restorer**
- **Application of the substance / the preparation** Metal Polish
- **Manufacturer/Supplier:**
FLITZ INTERNATIONAL, LTD.
821 Mohr Avenue
Waterford, WI 53185
- **Telephone:** 262-534-5898
- **Fax:** 262-534-2991
- **E-Mail:** info@flitz.com
- **Website:** www.flitz.com

2 Composition/Data on components:

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

- **Dangerous components:**

CAS: 68603-42-9 Polymer	COCAMIDE DEA	 Xi; R 38-41	< 5%
CAS: 8008-20-6 EINECS: 232-366-4	DEODORIZED KEROSENE	 Xn; R 65-66	< 25%

3 Hazards identification

- **Hazard description:** void
- **Information pertaining to particular dangers for man and environment:**
The product does not have to be labelled due to the calculation procedure of international guidelines.
- **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 = 0
Flammability = 0
Reactivity = 0

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



HEALTH 0 Health = 0
FIRE 0 Flammability = 0
REACTIVITY 0 Reactivity = 0

4 First aid measures

- **General information:** Instantly remove any clothing soiled by the product.
- **After inhalation:**
Seek medical treatment in case of complaints.
Supply fresh air.
- **After skin contact:** The product is not skin irritating.
- **After eye contact:**
Rinse opened eye for several minutes under running water. If symptoms persist, consult doctor.

(Contd. on page 2)

Material Safety Data Sheet

According to ISO/DIS 11014

Printing date 11/09/2005

Reviewed on 11/09/2005

Trade name: Flitz Metal Polish, Fiberglass & Paint Restorer

(Contd. of page 1)

- **After swallowing:**
Do not induce vomiting; instantly call for medical help.
Rinse out mouth and then drink plenty of water.

5 Fire fighting measures

- **Suitable extinguishing agents:**
CO₂, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.
- **Protective equipment:** No special measures required.

6 Accidental release measures

- **Person-related safety precautions:** Not required.
- **Measures for environmental protection:** No special measures required.
- **Measures for cleaning/collecting:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders).

7 Handling and storage

- **Handling:**
- **Information for safe handling:** No special measures required.
- **Information about protection against explosions and fires:** No special measures required.
- **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.

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:**

8008-20-6 DEODORIZED KEROSENE

REL	100 mg/m ³
TLV	200 mg/m ³
	as total hydrocarbon vapor; Skin (P)

- **Additional information:** The lists that were valid during the compilation were used as basis.
- **Personal protective equipment:**
- **General protective and hygienic measures:**
The usual precautionary measures should be adhered to in handling the chemicals.
- **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.

(Contd. on page 3)

Material Safety Data Sheet

According to ISO/DIS 11014

Printing date 11/09/2005

Reviewed on 11/09/2005

Trade name: Flitz Metal Polish, Fiberglass & Paint Restorer

(Contd. of page 2)

- **Penetration time of glove material**
The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **Eye protection:** Not required.

9 Physical and chemical properties

· General Information

Form: Pasty
Color: Blue
Odor: Ammonia-like

· Change in condition

- **Melting point/Melting range:** Not determined
- **Boiling point/Boiling range:** 145°C (293°F)
- **Flash point:** Not applicable
- **Ignition temperature:** 240.0°C (464°F)
- **Auto igniting:** Product is not selfigniting.
- **Danger of explosion:** Product is not explosive.
- **Explosion limits:**
 - **Lower:** 0.6 Vol %
 - **Upper:** 7.0 Vol %
- **Vapor pressure at 20°C (68°F):** 23 hPa (17 mm Hg)
- **Density at 20°C (68°F):** 1.150 g/cm³
- **Solubility in / Miscibility with**
 - **Water:** Fully miscible
- **pH-value at 20°C (68°F):** 9.0-10.0

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:**
- **Primary irritant effect:**
 - **on the skin:** No irritant effect.
 - **on the eye:** No irritant effect.
- **Sensitization:** No sensitizing effect known.
- **Additional toxicological information:**
The product is not subject to classification according to internally approved 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.

USA

(Contd. on page 4)

Material Safety Data Sheet

According to ISO/DIS 11014

Printing date 11/09/2005

Reviewed on 11/09/2005

Trade name: Flitz Metal Polish, Fiberglass & Paint Restorer

(Contd. of page 3)

* 12 Ecological information

- **Additional ecological information:**
- **General notes:** Water hazard class 2 (Self-assessment): hazardous for water.

* 13 Disposal considerations

- **Product:**
- **Recommendation:** Smaller quantities can be disposed with household garbage.
- **Uncleaned packagings:**
- **Recommendation:**
Packaging can be reused or recycled after cleaning.
Dispose of packaging according to regulations on the disposal of packagings.

14 Transport information

- | |
|---|
| · DOT regulations: |
| · Hazard class: - |
| · Land transport ADR/RID (cross-border): |
| · ADR/RID class: - |
| · Maritime transport IMDG: |
| · IMDG Class: - |
| · Air transport ICAO-TI and IATA-DGR: |
| · ICAO/IATA Class: - |

* 15 Regulations

- **Product related hazard informations:**
Observe the normal safety regulations when handling chemicals
The product is not subject to classification according to the directives on hazardous materials.
- **Safety phrases:**
2 Keep out of the reach of children.

* 16 Other information

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Department issuing MSDS:** Department research & development
- * **Data compared to the previous version altered.**

USA