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An Amber Chemical Group Company
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REACTAMINE[®] 1KP Primer-59

Effective Date: 3/18/03

Material Safety Data Sheet 1KP Primer-59

In an Emergency Call Chemtrec at 1-800-424-9300

1. Product Identification

Trade Name: 1KP Primer-59

Chemical Family: Aqueous acrylate/styrene copolymer preparation

Health	2
Flammability	0
Reactivity	0
Protective Equipment	S, R

HMIS RATING

2. Composition/Information on Ingredients

OSHA Hazardous Ingredients:

<u>Component</u>	<u>CAS#</u>	<u>% By Wt</u>	<u>Exposure Limits</u>
Acrylate styrene copolymer	Trade Secret	25-30	N/A
Surfactant	Trade Secret	7	N/A

3. HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS:

ROUTE(S) OF ENTRY :Skin and eye contact with liquids, vapors, and inhalation.

HUMAN EFFECTS AND SYMPTOMS OF OVEREXPOSURE:

Prolonged or repeated contact may cause skin and eye irritation.

This product contains:

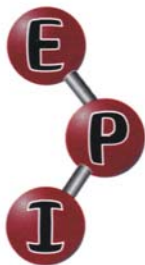
Styrene/acrylate copolymer, which may cause skin and eye irritation.

Surfactant, which is a skin and eye irritant and may be harmful if swallowed.

CARCINOGENICITY:

NTP: NO DATA
IARC: NO DATA
OSHA: NO DATA

4. First Aid Measures



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FIRST AID FOR EYES...: Hold eyes open and flush for at least 15 minutes with large amounts of water. Obtain medical attention if irritation persists.

FIRST AID FOR SKIN...: Remove contaminated clothing and shoes. Wash affected areas thoroughly with soap or mild detergent and large amounts of water. Get medical attention if irritation occurs.

FIRST AID FOR INHALATION: Move to an area free from risk of further exposure. Administer oxygen or artificial respiration as needed. Obtain medical attention.

FIRST AID FOR INGESTION: DO NOT INDUCE VOMITING. Give two glasses of water to dilute stomach contents. DO NOT GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. Consult a physician immediately.

5. FIRE FIGHTING MEASURES

FLASH POINT.....: > 201 degrees F

EXTINGUISHING MEDIA : Carbon Dioxide, Dry Powder, Foam, and watermist.

SPECIAL FIRE FIGHTING PROCEDURES: Full protective clothing with self-contained breathing apparatus should be worn.

6. ACCIDENTAL RELEASE MEASURES

SPILL OR LEAK PROCEDURES Wearing appropriate personal protective equipment, contain spills onto inert absorbent and place in suitable containers.

7. HANDLING AND STORAGE

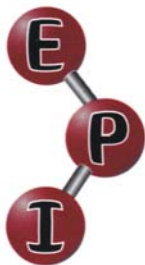
STORAGE: Store closed containers at temperatures between 60 and 80 °F (5 and 25 °C). Keep away from heat and direct sunlight. Keep from freezing (product will coagulate).

HANDLING: Avoid prolonged or repeated contact with skin. Wash hands and other exposed body areas before eating. Eyewash fountains and safety showers must be easily accessible.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS: Use local exhaust ventilation or respiratory protection to maintain employee exposure below TLV.

EYE PROTECTION REQUIREMENTS Safety goggles with side shields or full-face shield. Contact lenses should not be worn.



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SKIN PROTECTION REQUIREMENTS..... :Clothing suitable to prevent skin contact, and rubber gloves.

RESPIRATORY PROTECTION: In accordance with OSHA regulations, a respirator is highly recommended when spraying 1 KP Primer-59 or when applying the product in a manor that results in a high airborne concentration.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL FORM.....: Liquid
COLOR.....: White
ODOR.....: Slightly aromatic
BOILING POINT.....: 212 °F (100 °C as water)
VAPOR PRESSURE.....: approx. 23 mbar @ 20 °C
SOLUBILITY IN WATER.....: Disperses
SPECIFIC GRAVITY.....: 1.02 g/cm³
VISCOSITY.....: 20 – 35 mPas (Brookfield RVT, spindle 1, 50 rpm @ 20 °C)
SOLUBILITY IN WATER.....: Practically in every proportion miscible
PH.....: 7.5-9.0
SOLVENT CONTENTS.....: NONE
SOLID CONTENTS.....: 30 % ± 1 %

10. STABILITY AND REACTIVITY

Chemical Stability: This is a stable material.

Incompatibility: High temperatures or freezing. At 212 °F (100 °C) phase separation, possible coagulation.

Hazardous Decomposition Products: Heating to decomposition may generate carbon monoxide, carbon dioxide and oxides of nitrogen.

Hazardous Polymerization: Will not occur.

11. TOXICOLOGICAL INFORMATION

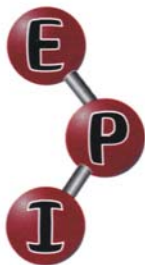
LD50 rat : > 2000 mg/kg (acrylate/styrene copolymer)

See Section 3 – Human Effects and Symptoms of Overexposure

12. ECOLOGICAL INFORMATION

Avoid contamination of ground water or waterways.

FISH TOXICITY: LC₅₀ :> 500 mg/ l



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13. DISPOSAL CONSIDERATIONS

Waste Disposal Method: Dispose in accordance with federal, state and local regulations.

14. TRANSPORT INFORMATION

DOT SHIPPING NAME: Not regulated

15. REGULATORY INFORMATION (not meant to be all inclusive)

TSCA (Toxic Substances Control Act) regulations, 40 CFR 710: All ingredients are on the TSCA Chemical Substance Inventory.

CERCLA and SARA Regulations (40 CFR 355,370 and 372): Section 313 Supplier Notification. This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 and of 40 CFR 373.250: Acrylate Styrene Copolymer.

The information herein is given in good faith but no warranty, expressed or implied, is made.

HAZARDOUS MATERIALS INFORMATION LABEL (HMIS)

<u>HAZARD CODE</u>	<u>RATING:</u>	
4= EXTREME	FLAMMABILITY:	0
3= HIGH	HEALTH	2
2= MODERATE	REACTIVITY	0
1= SLIGHT	PERSONAL PROTECTION	S, R
0= INSIGNIFICANT		
S= Splash Goggles + Synthetic Apron + Gloves		
R= Respirator in sum circumstances		

16. OTHER INFORMATION

Disclaimer: The following supercedes Buyer's documents. SELLER MAKES NO REPRESENTATION OR WARRANTY, EXPRESS OR IMPLIED, INCLUDING OR MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. No statements herein are to be construed as inducements to infringe any relevant patent. Under no circumstances shall Seller be liable for incidental, consequential or indirect damages for alleged negligence, breach of warranty, strict liability, tort or contract arising in connection with the product(s). Buyer's sole remedy and Seller's sole liability for any claims shall be Buyer's purchase price. Data and results are based on controlled or lab work and must be confirmed by Buyer by testing for its intended conditions of use. The product(s) has not been tested for, and is therefore not recommended for, uses for which prolonged contact with mucous membranes, abraded skin, or blood is intended; or for uses for which implantation within the human body is intended.