

**Boston Cleaning Company  
165F New Boston Street  
Woburn, MA 01801  
781-938-6688**

**Safety Information**

**HEALTH            1**  
**FIRE                0**  
**REACTIVITY      0**

**MATERIAL SAFETY DATA SHEET**

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**XXV**

**SECTION I PRODUCT IDENTIFICATION**

Product Trade Name:        XXV  
Chemical Name:              Acrylate Copolymer, water based dispersion  
Distributed By:              Boston Cleaning Company  
Effective Date:              February 1996  
Formula:                      (-CH<sub>2</sub>-CH(COOR)-)<sub>n</sub>  
Molecular Weight:         n > 100

**SECTION II HAZARDOUS INGREDIENTS**

Ingredient	Weight %	TLV	PEL(TWA)	STEL	CAS Number
Ammonium Hydroxide 1336-21-6	1 max.	25 ppm	50 ppm		35 ppm
Acute (Immediate) Inhalation Hazard May contain one or more of the following:					
Glycol Ether DE	10 max.	not est.	not est.	not est.	111-90-0
Glycol Ether DM 111-77-3	10 max.	not est.	not est.		not est.
Glycol Ether PM	10 max.		100 ppm	150 ppm	107-98-3
Glycol Ether DPM	10 max.		100 ppm	150 ppm	34590-94-8(skin)

**SECTION III COMPOSITION INFORMATION**

Ingredient	Approx. Wt%	SARA 313	CAS Number
Water	65 min.		7732-18-5
Acrylate Copolymer	25 max.		
Glycol Ether coalescent	10 max.	yes	See Sect. IV
Tri(butoxyethyl) Phosphate	2 max.		78-51-3
Zinc Oxide Complex	1 max.	yes	1314-13-2

**SECTION IV PHYSICAL DATA**

Boiling Point:                212 degrees F  
Freezing Point:              Variable  
Specific Gravity (Water=1):    Variable  
Percent Volatile by Weight:    65% Water minimum  
Vapor Density (Water Vapor=1): 1  
Evaporation Rate (Water=1):    1  
Solubility in Water:         Infinitely miscible  
pH:                              7.0 to 9.5  
Appearance and Odor:        Clear or translucent with mild odor

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**SECTION V TOXICOLOGICAL PROPERTIES**

LD50:	Not determined
Threshold Limit Value:	No limit determined
Effects of Acute Exposure:	
Ingestion:	Nausea may occur
Inhalation:	Prolonged exposure may produce headaches and mucous membrane irritation.
Skin Contact:	Direct contact may cause irritation.
Eye Contact:	Direct contact may cause irritation.
Effects of Chronic Exposure:	None determined.

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**SECTION VI PREVENTIVE MEASURES**

**INDUSTRIAL HYGIENE IN THE WORKPLACE**

Respiratory Protection:	None required in well ventilated areas. An approved organic vapor full face respirator is advised for poorly ventilated areas.
Ventilation: Local Exhaust:	None required.
Mechanical (General):	Provide adequate ventilation.
Protective Gloves:	Wear rubber gloves.
Eye Protection:	Wear approved safety glasses with side shields.
Other Protective Equipment:	Wear protective work clothing.

**STORAGE AND HANDLING PROCEDURES**

Precautions To Be Taken In Handling And Storage: Store at 40 degrees F to 90 degrees F. This product is for Industrial Use only. Keep away from Fire and Heat (Any ignition source). Keep containers closed when not in use. Provide adequate ventilation.

Steps To Be Taken In Case Material is Released Or Spilled: Halt spill at source and contain or dike spill with inert absorbent material. Transfer liquid to containers for recovery or disposal. Shovel absorbent into drums for disposal in accordance with local, state, and federal regulations.

Recommended Waste Disposal Methods: Material should not be flushed into sewer system. If this product becomes a waste, it does not meet the criteria of a hazardous waste as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261, since it has neither the characteristics of Subpart C nor is listed in Subpart D. After the material has been collected, dispose of in accordance with all regulations applicable to non-hazardous liquid wastes.

**SECTION VII FIRST AID MEASURES**

**EMERGENCY FIRST AID PROCEDURES:**

Ingestion:	Induce vomiting if conscious, and call a physician.
Inhalation:	Remove to fresh air and consult physician if symptoms persist.
Skin Contact:	Promptly wash with soap and water, and rinse thoroughly. Remove contaminated clothing and shoes.
Eye Contact:	Promptly flush with a large amount of water for at least 15 minutes. Contact a physician if symptoms persist.

**SECTION VIII REGULATORY INFORMATION**

SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 - (SARA TITLE III)  
Section 302 - Extremely Hazardous Substances (40 CFR 355) : This product does not contain materials listed in Appendix A or B as an Extremely Hazardous Substance.

**SECTION VIII CONT'D REGULATORY INFORMATION**

Sections 311/312 - Material Safety Data Sheet Requirements (40 CFR 370): Materials listed in 29CFR 1910, Subpart Z are identified in Section II. None are known or suspected carcinogens listed by the National Toxicology Program, International Agency for Research on Cancer, or OSHA.

Section 313 - List of Toxic Chemicals (40 CFR 372): Listed materials contained in this product are identified in Sections II or III of this MSDS.

TOXIC SUBSTANCES CONTROL ACT (TSCA)

The chemical ingredients in this product are on the 8(B) Inventory List (40 CFR 710).

CLEAN AIR ACT AMENDMENTS OF 1990

This product does not contain, and has not contacts during manufacture, any Ozone Depleting Substances.

**SECTION IX FIRE AND EXPLOSION HAZARD DATA**

Flash Point: Greater than 250 degrees F.  
Auto ignition Temperature: Greater than 250degrees F.  
Extinguishing Media: CO2, Dry Chemical.  
Flammable Limits: Lower: Not Applicable.  
Upper: Not Applicable.  
Special Fire fighting Procedures: Toxic gases may be released. Use self-contained breathing apparatus.  
Unusual Fire/Explosion Hazards: None.

**SECTION X HAZARD RATING INFORMATION**

Hazard Ratings:

4 = Extreme	HEALTH	1
3 = High	FLAMMABILITY	0
2 = Moderate	REACTIVITY	0
1 = Slight		
0 = Insignificant		

**SECTION XI REACTIVITY DATA**

Stability: Stable  
Conditions to Avoid: Temperatures of 212 degrees F. or over will boil water away.  
Incompatibility: Treat as water.  
Hazardous Polymerization: Will not occur.  
Hazardous Decomposition Products: Thermal decomposition on burning may produce toxic gasses.

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**SECTION XII USER'S RESPONSIBILITY**

**Boston Cleaning Company** cannot anticipate all conditions of handling and use of this product. Therefore, **Boston Cleaning Company** accepts no responsibility for results obtained by the application of this information, or the safety and suitability of our products either alone or in combination with other products.

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**SECTION XII CONT'D USER'S RESPONSIBILITY**

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It is the responsibility of the user to provide a safe workplace, using the health and safety information obtained herein as a guide. **Boston Cleaning Company** will accept no liability for damage or loss incurred from the improper handling and use of this product.

**Prepared by technical support staff**

**7/19/96**