

SECTION 1 - IDENTIFICATION

Product Identifier

Product Number(s) 80-043
 Product Name Ultra PVC-3 PVC Cleaner, Primer and Cement

24 hr Emergency
Phone Number

1-800-424-9300
(Chemtrec)

Other Means of Identification

Recommended Use and Restrictions on Use

Recommended Use Spray on solvent cleaner/primer & Cement for use on all PVC pipes.
 Restrictions on Use None Identified

MANUFACTURER DETAILS		SUPPLIER DETAILS	
Name	Kimball Midwest	Name	
Address	4800 Roberts Road Columbus, OH 43228	Address	
Phone Number	800-233-1294	Phone Number	
Fax Number		Fax Number	

SECTION 2 - IDENTIFICATION

Hazard Classification

HEALTH HAZARDS				PHYSICAL HAZARDS					
Acute Tox. Oral	<input type="checkbox"/>	Mutagenicity	<input type="checkbox"/>	Unstable Explosive	<input type="checkbox"/>	Refrigerated Liq. Gas	<input type="checkbox"/>	Pyrophoric Solid	<input type="checkbox"/>
Acute Tox. Skin	<input type="checkbox"/>	Carcinogenicity	2	Explosive	<input type="checkbox"/>	Flammable Liquid	<input type="checkbox"/>	Emits Flammable Gas	<input type="checkbox"/>
Acute Tox. Inhalation	<input type="checkbox"/>	Tox. to Reproduction	<input type="checkbox"/>	Flammable Gas	<input type="checkbox"/>	Flammable Solid	<input type="checkbox"/>	Oxidizing Liquid	<input type="checkbox"/>
Skin Irritation	<input type="checkbox"/>	STOT SE	3	Aerosol	1	Self-Reactive Sub.	<input type="checkbox"/>	Oxidizing Solid	<input type="checkbox"/>
Eye Irritation	2	STOT RE	<input type="checkbox"/>	Oxidizing Gas	<input type="checkbox"/>	Pyrophoric Liquid	<input type="checkbox"/>	Organic Peroxide	<input type="checkbox"/>
Resp. Sensitization	<input type="checkbox"/>	Aspiration Hazard	<input type="checkbox"/>	Gas Under Pressure	X	Self-Heating Substance	<input type="checkbox"/>	Corrosive to Metal	<input type="checkbox"/>
Skin Sensitization	<input type="checkbox"/>		<input type="checkbox"/>	ENVIRONMENTAL HAZARDS (GHS Rev 3 Only)					
	<input type="checkbox"/>		<input type="checkbox"/>	Aquatic Acute	<input type="checkbox"/>	Aquatic Chronic	<input type="checkbox"/>	Ozone Depleting	<input type="checkbox"/>

Signal Word

Danger

Hazard Pictograms



Hazard Statements

Extremely flammable aerosol. Contains gas under pressure; may explode if heated. Causes serious eye irritation. May cause drowsiness or dizziness. Suspected of causing cancer.

Precautionary Statements

General

Keep out of reach of children.

Prevention

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. Avoid breathing spray. Wash hands thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection.

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Response	<i>IF INHALED: Remove person to fresh air and keep comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention. Call a POISON CENTER or doctor if you feel unwell.</i>
Storage	<i>Store in a well-ventilated place. Keep container tightly closed. Store locked up. Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122°F.</i>
Disposal	<i>Dispose of contents/container in accordance with local regulations.</i>
Hazards Not Otherwise Classified	<i>None identified.</i>
Unknown Acute Toxicity	<i>8.5 % by wt</i>

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

ID	INGREDIENT	CAS NUMBER	% WT RANGE*
1	Acetone	0000067-64-1	15 - 40
2	Tetrahydrofuran	0000109-99-9	15 - 40
3	Methyl Ethyl Ketone	0000078-93-3	10 - 30
4	Propane	0000074-98-6	10 - 30
5	Polyvinyl Chloride	0009002-86-2	7 - 13

* Exact percentages of composition withheld as trade secret

SECTION 4 - FIRST AID MEASURESDescription of First-Aid Measures

General	<i>If exposed or concerned seek medical advice/attention.</i>
Eye Contact	<i>Immediately flush with clear water for at least 15 minutes, including under the eyelids. Consult a doctor.</i>
Skin Contact	<i>Remove with soap and water, rinsing and repeating for 15 minutes. Use skin cream to counter any resulting dryness. Consult a physician if irritation continues. If large skin area is affected, remove contaminated clothing.</i>
Ingestion	<i>Do not induce vomiting! Immediately have the victim drink plenty of water. Do not give milk or digestible oils. Keep airways free. Contact a physician. Never give anything by mouth if victim is rapidly losing consciousness, unconscious, or convulsing.</i>
Inhalation	<i>Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention if symptoms persist or if unconscious.</i>
First-Aid Responder Protection	<i>Wear adequate personal protective equipment based on the nature and severity of the emergency.</i>

Most Important Symptoms and Effects, Both Acute and Delayed

Eye Contact	<i>Liquid contact may cause pain along with moderate eye irritation.</i>
Skin Contact	<i>Prolonged or repeated exposure may cause skin irritation. Repeated contact may cause drying or flaking of skin. May cause more severe response if confined to skin.</i>
Ingestion	<i>Due to being an aerosol, the product does not lend itself to ingestion. Should ingestion occur, it may cause irritation to membranes of the mouth, throat, and gastrointestinal tract resulting in vomiting and/or cramps. Aspiration of vomit into the lungs may cause inflammation, and possible chemical pneumonitis, bronchopneumonia, or pulmonary edema.</i>
Inhalation	<i>Prolonged or repeated overexposure is anesthetic. May cause irritation of the respiratory tract, or acute nervous system depression characterized by headache, dizziness, staggering gait, confusion or death. Irritation of the mucous membranes, coughing, and dyspnea are also possible.</i>

Indication of Immediate Medical Attention and Special Treatment

Notes to Physician	<i>Treat symptomatically.</i>
Specific Treatments/Antidotes	<i>No information available.</i>
Immediate Medical Attention	<i>No information available.</i>

SECTION 5 - FIRE-FIGHTING MEASURESExtinguishing Media

Suitable Extinguishing Media	<i>Water, CO₂, dry chemical, or universal aqueous film forming foam</i>
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Unsuitable Extinguishing Media Water jet

Specific Hazards Arising from the Chemical or Mixture

Decomposition Products Oxides of carbon (CO, CO₂), smoke, and/or vapors

Hazards from the Product CONTENTS EXTREMELY FLAMMABLE AND UNDER PRESSURE. In a fire or if heated, a pressure increase will occur which may result in the container bursting. Vapors heavier than air may spread along the ground and travel to an ignition source.

Advice for Firefighters

Protective Actions Use water spray to cool fire exposed containers as contents may rupture violently from heat developed pressure.

Protective Equipment As with any fire wear SCBA pressure-demand, MSHA/NIOSH approved, and full protective gear.

SECTION 6 - ACCIDENTAL RELEASE MEASURES**Personal Precautions, Protective Equipment and Emergency Procedures**

For Non-Emergency Personnel No action should be taken by non-emergency personnel without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spill. Remove ignition sources and provide adequate ventilation only if it is safe to do so.

For Emergency Responders Use personal protection as recommended in Section 8. Observe precautions provided for non-emergency personnel.

Environmental Precautions

Precautions Keep out of drains, sewers, ditches, and waterways. Minimize use of water to prevent environmental contamination.

Methods and Materials for Containment and Cleaning Up

Containment Procedures Product is an aerosol, therefore spills and leaks are unlikely. In case of rupture, released content may be contained with oil/solvent absorbent pads, socks, and/or absorbents. DO NOT use combustible material such as sawdust.

Cleanup Procedures Spills from aerosol cans are unlikely and are generally of small volume. Large spills are therefore not normally considered a problem. In case of actual rupture, avoid breathing vapors and ventilate area well. Remove sources of ignition and use non-sparking equipment. Soak up material with inert absorbent and place in safety containers for proper disposal.

Other Information Aerosol products represent a limited hazard and will not spill or leak unless ruptured. In case of rupture contents are generally evacuated from the can rapidly. Area should be ventilated immediately and continuous ventilation provided until all fumes and vapors have been removed. Aerosol cans should never be incinerated or burned. See Section 13 for disposal.

Prohibited Materials Combustible absorbent material such as sawdust, use of equipment that may cause sparking.

SECTION 7 - HANDLING AND STORAGE**Precautions for Safe Handling**

General Handling Precautions KEEP OUT OF THE REACH OF CHILDREN. Avoid prolonged or repeated skin contact. Avoid breathing of vapors. Do not incinerate (burn) containers. Always replace overcap when not in use. Avoid use around open flames or other sources of ignition. Exposure to heat or prolonged exposure to sun may cause can to burst. Use only with adequate ventilation, opening doors or windows to achieve cross-ventilation. Wash hands after use.

Hygiene Recommendations Do not eat, drink or smoke when using this product. Wash hands thoroughly after use. Remove contaminated clothing and protective equipment before entering eating or smoking areas.

Conditions for Safe Storage Including Any Incompatibilities

Storage Requirements Storage of individual cans should be done in an area below 50 °C (122 °F), and away from heat sources. Ensure can is in a secure place to prevent knocking over and accidental rupture. For storage of pallet quantities, compliance with NFPA 30B (Manufacture and Storage of Aerosol Products) is recommended. This product is classified as a Level 3 Aerosol.

Incompatibilities Segregate storage away from materials indicated in Section 10

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Control Parameters

Occupational Exposure Limits

ID	OSHA			NIOSH				ACGIH			AIHA
	PEL	STEL	CEILING	IDLH	REL	STEL	CEILING	TLV	STEL	CEILING	WEEL
1	1000 ppm	–	–	2500 ppm	250 ppm	–	–	500 ppm	750 ppm	–	–
2	200 ppm	–	–	2000 ppm	200 ppm	250 ppm	–	50 ppm	100 ppm	–	–
3	200 ppm	–	–	3000 ppm	200 ppm	300 ppm	–	200 ppm	300 ppm	–	–
4	1000 ppm	–	–	2100 ppm	1000 ppm	–	–	1000 ppm	–	–	–
5	–	–	–	–	–	–	–	1 mg/m3	–	–	–

Biological Exposure Indices

ID	DETERMINANT	SAMPLING TIME	BEI	NOTATION
1	Acetone in urine	End of shift	50 mg/L	Ns
2	Tetrahydrofuran in urine	End of shift	8 mg/L	–
3	MEK in urine	End of shift	2 mg/L	–

Other Control Parameters Not Available

Appropriate Engineering Control

Engineering Measures

Use only with adequate ventilation. General ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. Local exhaust ventilation or an enclosed handling system may be necessary to control air contamination below that of the lowest OEL from the table above.

Individual Protection Measures

Hygiene Considerations

Avoid breathing vapors and contact with the skin and eyes. Always replace overcap when not in use. Keep out the reach of children. Wash hands after use.

Thermal Protection

This product does not present a thermal hazard.

Respiratory Protection

An approved respirator with organic vapor cartridge may be permissible under certain circumstances where airborne concentrations are expected to exceed occupational exposure limits. If respirators are needed, in the United States compliance with OSHA standard 29 CFR 1910.134 is necessary.

Skin Protection

For brief contact, no precautions other than clean body-covering clothing should be needed. When prolonged or repeated contact could occur, use protective clothing impervious to the ingredients listed in Section 2.

Eye/Face Protection

Safety glasses with side shields are recommended as a minimum for any type of industrial chemical handling. Where eye contact with this material could occur, chemical splash proof goggles are recommended.

Other Protective Equipment

Safety showers and eye-wash stations should be available in the workplace near where the material will be used.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Physical Properties

Boiling Point	> 56.1 °C (133.0 °F)	Melting / Freezing Point	> -95.3 °C (-139.6 °F)
Flash Point, Liquid	> -17.0 °C (1.4 °F)	Flash Point, Propellant	-104.4 °C (-156.0 °F)
Explosive Limits	1.80% - 13.00%	Autoignition Temperature, Liquid	404.0 °C (759.2 °F)
Flammability	Extremely Flammable Aerosol	Relative Density (H2O = 1)	0.768 g/cc
Molecular Weight	Not Available	Weight	6.406 lbs/gal
Vapor Pressure	108.00 psig	pH	Not Available
Vapor Density	2.410 g/cc Maximum	Evaporation Rate	Not Available
Form	Pressurized Product	Partition Coefficient	Not Available
Viscosity	Not Available	Refractive Index	Not Available
Odor Threshold	Not Available	Heat of Combustion (ΔHc)	Not Available
Odor	Mild odor	Water Solubility	Not Available

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Appearance / Color

Purple coating

Decomposition Temperature

Not Available

Air Quality Properties

Percent Volatile

92 Wt (96% Vol) Max

VOC Regulatory

5.483 lbs/gal (656.967 g/L)

Percent VOC

58% Wt (63% Vol) Max

VOC Actual

3.715 lbs/gal (445.165 g/L)

Percent HAP

0% Wt (0% Vol) Max

HAP Content

None

Solids/Non Volatile Content

9% Wt (5% Vol) Max

Maximum Incremental Reactivity

1.633 g O3/g

Global Warming Potential

0.728

SECTION 10 - STABILITY AND REACTIVITY

Reactivity

No specific test data related to reactivity is available for this product or its ingredients.

Chemical Stability

This product is stable.

Hazardous Reactions

Under normal conditions of storage and use, hazardous reactions are not expected to occur.

Conditions to Avoid

Keep away from heat, sparks, flame, and red hot metal.

Material Incompatibility

Acids, Activated Carbon, Amines, Ammonia, Bromine, Caustic Alkalies, Halogens, Hexachloromelamine, Hydrogen Peroxide, Isocyanates, Isoprene, Potassium Tert-Butoxide, Pyridines, Strong Acids, Strong Oxidizing Agents, Strong Reducing Agents, Sulfur Dichloride, Trichloromelamine

Decomposition Productions

Oxides of Carbon, Acetic Acid, Aldehydes, Chlorinated Alkenes, Chlorine Gas, Formaldehyde fumes, Hydrogen Chloride fumes, Hydrogen Peroxide, Methanol may be formed depending on fire conditions.

SECTION 11 - TOXICOLOGICAL INFORMATION

Acute Toxicity Estimates (mixture)

Oral LD₅₀

2828 mg/kg

Dermal LD₅₀

4834 mg/kg

Inhalation LC₅₀

67 mg/L 4-hour

Acute Toxicity on Ingredients

ID	ORAL LD50		DERMAL LD50		INHALATION LC50		
	VALUE	SPECIES	VALUE	SPECIES	VALUE	TIME	SPECIES
1	5800 mg/kg	rat	20000 mg/kg	rabbit	76 mg/m3	4h	rat
2	1650 mg/kg	rat	>2000 mg/kg	rat	53.9 mg/L	4h	rat
3	2740 mg/kg	rat	>8050 mg/kg	rat	11300 ppm	4h	rat
4	-	-	-	-	658 mg/L	4h	rat

Health Hazard Classification

Skin Corrosion / Irritation

Classification criteria not met

Eye Damage / Irritation

Category 2

Respiratory Irritation

Classification criteria not met

Respiratory / Skin Sensitization

Classification criteria not met

Germ Cell Mutagenicity

Classification criteria not met

Reproductive Toxicity

Classification criteria not met

STOT - Single Exposure

Category 3

STOT - Repeated Exposure

Classification criteria not met

Aspiration Hazard

Classification criteria not met

Carcinogen Data

ID	Calif Prop-65	OSHA	NIOSH	ACGIH	NTP	IARC
2	-	-	-	A3	-	-

Information on the Likely Routes of Exposure

Routes of Exposure

Skin contact, skin absorption, eye contact, inhalation

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Information on Physical, Chemical and Toxicological Effects

Symptoms of Exposure Asphyxia, Central Nervous System Depression, Confusion, Dermatitis, Dizziness, Excitation, Skin Irritation, Throat Irritation, Upper Respiratory System Irritation, Vomiting

Delayed and Immediate Effects and also Chronic Effects from Short and Long-Term Exposure

Delayed Effects No known delayed effects.
Immediate Effects No known immediate effects.
Chronic Effects Reports have associated repeated and prolonged occupational overexposure to solvents with irreversible brain and nervous system damage (sometimes referred to as "Solvent or Painter's Syndrome"). Intentional misuse by concentrating and inhaling this product may be harmful or fatal.
Medical Conditions Aggravated May aggravate personnel with pre-existing disorders associated with any of the Target Organs.
Target Organs Central Nervous System, Eyes, Respiratory System, Skin

SECTION 12 - ECOLOGICAL INFORMATION

Acute Aquatic Toxicity

ID	TYPE	FISH			INVERTEBRATES			AQUATIC PLANTS			MICROORGANISMS		
		VALUE	PERIOD	TYPE	VALUE	PERIOD	TYPE	VALUE	PERIOD	TYPE	VALUE	PERIOD	
1	LC50	5549 mg/L	96h	EC50	6100 mg/L	48h	IC5	530 mg/L	8d	EC5	1700 mg/L	16h	
2	LC50	2160 mg/L	96h	EC50	>10000 mg/L	24h	EC10	>1000 mg/L	24h	EC10	>1000 mg/L	30m	
3	LC50	5600 mg/L	96h	EC50	5091 mg/L	48h	IC5	>4300 mg/L	7d	EC5	1150 mg/L	16h	

Ecological Data

ID	PERSISTENCE AND DEGRADABILITY				BIOACCUMULATIVE POTENTIAL		MOBILITY
	PERSISTENCE	BOD	COD	ThOD	Pow / Kow	BCF	Koc
1	90.9% / 28 days	1.85 mg/g / 5d	1.92 mg/L	2.21 mg/L	-0.24 log Pow	0.69 BCF	1.26 log Koc
2	—	—	1572 mg/g	—	0.46 log Pow	—	—
3	—	2030 mg/g	2310 mg/g	2440 mg/g	0.29 log Pow	1.34 log BCF	0.72 log Koc
4	—	—	—	—	2.36 log Pow	1.47 log BCF	2.36 log Koc

Other Adverse Effects No additional information available.

SECTION 13 - DISPOSAL CONSIDERATIONS

Waste Disposal Characteristics and waste stream classification can change with product use and location. It is the responsibility of the user to determine the proper storage, transportation, treatment, and/or disposal methodologies for spent materials and residues at the time of disposition. All waste must be disposed of in compliance with the respective national, federal, state, and/or local regulations.

Waste Disposal of Packaging An aerosol container that does not contain a significant amount of liquid would meet the definition of scrap metal (40 CFR 261.1(c)(6)), and would be exempt from RCRA regulation under 40 CFR 261.6(a)(3)(iv) if it is to be recycled. If containers are to be disposed of (not recycled) it must be managed under all applicable RCRA and state regulations.

Landfill Precautions Not available

Incineration Precautions ** DO NOT INCINERATE ** CONTENTS UNDER PRESSURE **

SECTION 14 - TRANSPORTATION INFORMATION

Transportation Information	Ground Transportation (DOT)	Air Transportation (IATA)	Ocean Transportation (IMDG)
UN Number	UN1950	UN1950	UN1950
Proper Shipping Name	Aerosols, Limited Quantity	Aerosols, Flammable, Limited Quantity	Aerosols, Limited Quantity
Hazard Class(es)	2.1	2.1	2.1
Packaging Group	—	—	—
Marine Pollutant	No	No	No

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Hazard Label(s)



SECTION 15 - REGULATORY INFORMATION

Federal Regulations

ID	TSCA LISTED	SARA 302 EHS TPQ	RCRA	CERCLA	SARA 313	FIRE	REACTIVITY	SARA 311/312 ACUTE	CHRONIC	PRESSURE	CLEAN AIR ACT HAP	CLEAN AIR ACT SOCMI	CLEAN WATER ACT
1	Yes	-	U002	5000	-	Yes	-	Yes	-	-	-	-	-
2	Yes	-	U213	1000	-	Yes	-	Yes	-	-	-	-	-
3	Yes	-	D035, U159	5000	-	Yes	-	Yes	-	-	-	-	-
4	Yes	-	-	-	-	Yes	-	-	-	-	-	-	-
5	Yes	-	-	-	-	-	-	-	-	-	-	-	-

State Regulations

ID	CA	DE	MA	ME	MN	NJ	NY	PA	WA	WI	WV					
	P-65	RQ	RTK CODES	TYPE	RQ	RTK	AIR	WATER	RTK	AIR	LAND	ACUTE	LISTED	PEL TWA	TABLE	TAP
1	-	5000	2,4,5,6 F8 F9	-	20000	AON	-	-	-	5000	1	-	Yes-E	750 ppm	-	-
2	-	1000	2,4,5,6 F8	-	2000	AO	-	-	-	1000	100	-	Yes-E	200 ppm	A	-
3	-	5000	2,4,5,6 F8 F9	-	2000	ANO	Yes	-	Yes	5000	1	-	Yes-E	-	-	-
4	-	F1000**	2,4,5,6	-	-	AP	-	-	Yes	-	-	-	Yes	1000 ppm	-	-
5	-	-	-	-	-	-	-	-	Yes	-	-	-	-	-	-	-

SECTION 16 - OTHER INFORMATION

SDS Revision History

Revision 1, 05/14/2014, Original in GHS Version 4 format. (Replaces F7136CT)
Revision 2, 11/20/2014, Amended to GHS Version 3 format per OSHA (HCS 2012) 29 CFR 1910.1200.

SDS Compliance

This SDS complies with the below listed regulations only. For SDS that comply with other countries, please contact our Regulatory Department.

OSHA Hazard Communication Standard (HCS 2012) 29 CFR 1910.1200

Globally Harmonized System of Classification and Labeling of Chemicals (GHS) Revision 3

Disclaimer of Liability

The information contained herein is based upon data provided to us by our suppliers, and reflects our best judgement. However, no warranty of merchantability, fitness for any use, or any other warranty or guarantee is expressed or implied regarding the accuracy of such data, or the results to be obtained from use thereof. Since the information contained herein may be applied under conditions beyond our control and with which we may be unfamiliar, we do not assume any responsibility for the results of such application. This information is furnished upon the condition that the persons receiving it shall make their own determinations of the suitability of the material for any particular use. Although certain hazards are described herein, we cannot guarantee these are the only hazards that exist.