

MATERIAL SAFETY DATA SHEET

4-4968 OFFSET GLAZE REMOVER

Revision Date: 1/1/09

Section I - Product Identification

Manufacturer's Name | Emergency Phone Number (24 Hours)
 Presstek | CHEMTREC @ (800)424-9300
 ----- | MSDS Request Phone Number:
 Street Address | 1-603-595-7000
 55 Executive Drive | -----
 ----- | For MSDS via Fax: 1-800-995-0088
 City, State, Zip Code | -----
 Hudson, NH 03051 | Date Prepared: February 2, 1995
 ----- |
 Product Use: OFFSET PRINTING. | Prepared By: Kenneth W. Pinter
 ----- |
 Chemical Name, Trade Name, Synonyms: NONE.

HMIS RATING

2 - Health 2 - Flammability 0 - Reactivity B - Personal Protection

Section II - Hazardous Ingredients

Hazardous Components	CAS NO.	% WT.	Exposure Limits		
			OSHA PEL	ACGIH TLV	OTHER
PETROLEUM DISTILLATE (ISOPARAFFINIC)	64742-48-9	65-75	NOT ESTABLISHED.	NOT ESTABLISHED.	300PPM
HEXYLENE GLYCOL	107-41-5	15-20	25 PPM(C).	25 PPM(C).	
2-BUTOXY ETHANOL (BUTYL CELLOSOLVE)	111-76-2	10-12	25 PPM.	25 PPM	
PETROLEUM DISTILLATE (AROMATIC)	64742-94-5	< 6	NOT ESTABLISHED.	NOT ESTABLISHED	
			(C): CEILING.		

Section III - Physical Data

Boiling POINT(F): 325-375 | pH: N.A.

 Vapor Pressure (mm Hg): < 10 | Freezing Point(F): N.A.

 Vapor Density (AIR = 1): CA. 5 | VOC: 6.6 LBS/GAL

 Specific Gravity (H2O=1): 0.792 | Color And Odor: CLEAR / KEROSENE

 Odor Threshold: N.D. | Physical State: LIQUID

 Evaporation Rate (Butyl Acetate = 1): N.D.

 Solubility in Water: INSOLUBLE.

Section IV - Fire and Explosion Hazard Data

FLASH POINT (METHOD USED): 105(F) T.C.C. | Flammable Limits:
 | LEL: 0.8% | UEL: 7%

 Auto-ignition Temperature: N.D.

 Extinguishing Media: FOAM / CO2 / DRY CHEMICAL.

 Special Fire Fighting Procedures: WEAR SELF-CONTAINED BREATHING APPARATUS.
 COOL FIRE EXPOSED CONTAINERS WITH WATER.

 Unusual Fire And Explosion Hazards: KEEP WORK AREAS FREE OF HOT METAL SURFACES
 AND OTHER SOURCES OF IGNITION.

Section V - Reactivity Data

Stability Unstable : | Conditions to Avoid: SOURCES OF IGNITION.
 Stable : X | MATERIAL IS COMBUSTIBLE.

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Incompatibility (Materials to Avoid): OXIDIZING MATERIAL.

Hazardous Decomposition Products: CO / CO2 / SMOKE.

Hazardous | May Occur: | Conditions to Avoid: NONE.
Polymerization | Will Not Occur: X |

Section VI - Health Hazard Data (Acute and Chronic)

Primary Route(s) of Entry: SKIN, INHALATION.

Oral Ingestion: MODERATELY TOXIC.

Eye Contact: MAY CAUSE MODERATE TO SEVERE IRRITATION.

Skin Contact: PROLONGED CONTACT MAY LEAD TO IRRITATION AND DERMATITIS.

Inhalation: PROLONGED INHALATION MAY RESULT DAMAGE TO KIDNEYS, LUNGS AND RED BLOOD CELLS.

Effects of Overexposure: MAY CAUSE HEADACHE, NAUSEA, VOMITING, DROWSINESS AND UNCONSCIOUSNESS.

Medical Conditions Generally | MAY AGGRAVATE AN EXISTING DERMATITIS.
Aggravated by Exposure |

Carcinogenicity: CONTAINS NO KNOWN CARCINOGENS IN EXCESS OF .1%.

Mutagenicity: NOT KNOWN TO BE MUTAGENIC.

Teratogenicity: NOT KNOWN TO BE TERATOGENIC.

Reproductive Toxicity: NOT KNOWN TO HAVE REPRODUCTIVE TOXICITY.

FIRST AID PROCEDURES

Ingestion: DO NOT INDUCE VOMITING. CALL A PHYSICIAN IMMEDIATELY.

Eye: FLUSH WITH WATER FOR 15 MINUTES. IF IRRITATION PERSISTS CALL A PHYSICIAN.

Skin: REMOVE ANY CONTAMINATED CLOTHING AND WASH SKIN WITH SOAP AND WATER.

Inhalation: REMOVE TO FRESH AIR. PROVIDE OXYGEN IF BREATHING IS DIFFICULT. GIVE ARTIFICIAL RESPIRATION IF NOT BREATHING.

Section VII - Toxicology Information

Ingredient	Inhalation	Oral	Dermal
PETROLEUM DIST. (ISOP.)	LC50 N.D.	LD50 (RATS) N.D.	LD50 (RABBITS) N.D.
HEXYLENE GLYCOL	NO DEATHS (RATS) IN SATURATED AIR.	4 g/KG	13.3 mg/KG
2-BUTOXY ETHANOL	700PPM (7HRS)	0.5-3.0 g/KG	0.4 g/KG
PETROLEUM DIST. (AROMATIC)	N.D.	N.D.	N.D.

Section VIII - Spill or Leak Procedure

Steps to be taken in case material is released or spilled:
REMOVE ALL SOURCES OF IGNITION. WIPE UP AND DISPOSE OF AS FOR COMBUSTIBLE OR (FLAMMABLE) MATERIALS.

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Disposal Method: IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS
FOR COMBUSTIBLE (OR FLAMMABLE) MATERIALS.

Section IX - Special Protection Information

Ventilation Local Exhaust: N.A. Special: N.A.
Mechanical(General): ACCEPTABLE. Other: N.A.

Respiratory Protection: NOT NORMALLY NECESSARY.

Protective Clothing: WEAR IMPERVIOUS GLOVES TO AVOID PROLONGED OR REPEATED
CONTACT.

Eye Protection: SPLASH GOGGLES.

Other Protective Equipment: NOT NORMALLY NECESSARY.

Section X - Special Precautions

Precautions to be taken in Handling and Storing: SAME AS FOR ANY COMBUSTIBLE
MATERIAL WITH A TCC FLASH 105(F). KEEP CONTAINER CLOSED WHEN NOT IN USE.
USE WITH ADEQUATE VENTILATION. KEEP AWAY FROM HEAT, SPARKS OR OPEN FLAME.
AVOID INHALATION.

Other Precautions: NONE.

Section XI - Transportation Information

Hazard Class: N.A.
DOT Proper Shipping Name: NOT REGULATED.

Section XII - Regulatory Information

CERCLA/SUPERFUND, 40 CFR 117,302: THIS PRODUCT DOES NOT CONTAIN ANY REPORTABLE
QUANTITY (RQ) SUBSTANCE.

SARA (TITLE III) - Sections 302, 311, 312, and 313:

Section 302 Extremely Hazardous Substances (40 CFR 355): THIS PRODUCT DOES NOT
CONTAIN ANY INGREDIENTS LISTED AS AN EXTREMELY HAZARDOUS SUBSTANCE.

Section 311 and 312 MSDS Submission and Inventory Reporting (40 CFR 370):
THIS PRODUCT CONTAINS MATERIALS THAT MAY REQUIRE REPORTING UNDER 311 AND 312
IF STORED IN LARGE ENOUGH QUANTITIES.

Section 313 Toxic Chemical Release Reporting (40 CFR 372): THIS PRODUCT DOES
NOT CONTAIN ANY INGREDIENTS ON THE LIST OF TOXIC CHEMICALS.

TOXIC SUBSTANCES CONTROL ACT (TSCA):
This product complies with rules and regulations of TSCA.

California Proposition 65: THIS PRODUCT CONTAINS A CHEMICAL (BENZENE < 1PPM)
AS A CONTAMINANT THAT IS LISTED BY THE STATE OF CALIFORNIA AS CARCINOGEN UNDER
PROPOSITION 65.

Section XIII - Addition Information

NONE

N.D. = No Data N.A. = Not Applicable
The information herein given in good faith but no warranty, express or
implied, is made.