



G.K. Chemical Specialties Co. Inc.
90 Barbados Blvd.
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Tel: (416) 261-7182 Fax: (416) 261-5663

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: RAPID STRIP Floor Finish and Emulsion Sealer Stripper

HEALTH HAZARD RATING:	MODERATE HAZARD - temporary or minor injury may occur
FLAMMABILITY HAZARD RATING:	MODERATE HAZARD – material which must be moderately heated before ignition will occur, including flammable liquids with flash points at or above 100°F and below 200°F. (NFPA Class II and Class IIA)
REACTIVITY HAZARD RATING:	MINIMAL HAZARD – materials, which are normally stable, even under fire conditions, and which will not react with water.
PERSONAL PROTECTION:	Safety glasses + gloves
HAZARD ALERT SIGN:	HEALTH HAZARD – Hazardous FIRE HAZARD – Below 200°F REACTIVITY – Stable SPECIFIC HAZARD – Alkali

SECTION I – MATERIAL IDENTIFICATION AND USE / IDENTIFICATION DE LA MATIÈRE ET USAGE

MATERIAL NAME / IDENTIFIER – NOM / IDENTIFICATION DE LA MATIÈRE

RAPID STRIP Floor Finish and Emulsion Sealer Stripper

MANUFACTURER'S NAME AND ADDRESS/ NOM DU FABRICANT – ADRESSE EMERGENCY PHONE NO. / N° DE TÉLÉPHONE D'URGENCE	G.K. Chemical Specialties Co. Inc. 90 Barbados Blvd. Scarborough, Ontario M1J 1K9 (416) 261-7182 / 905 427-7605
SUPPLIER'S NAME AND ADDRESS/ NOM DU FOURNISSEUR - ADRESSE EMERGENCY PHONE NO. / N° DE TELEPHONE DURGENCE	
CHEMICAL NAME / DÉNOMINATION CHIMIQUE	Not Applicable
CHEMICAL FAMILY / FAMILLE CHIMIQUE	Not Applicable
CHEMICAL FORMULA / FORMULE CHIMIQUE	Not Applicable
TRADE NAME AND SYNONYMS / APPELLATION COMMERCIALE ET SYNONYMES	Not Applicable
MOLECULAR WEIGHT / POIDS MOLÉCULAIRE	Not Applicable
MATERIAL USE / UTILISATION DE LA MATIÈRE	Cleaning

G.K. Chemical Specialties Co. Inc. has compiled the information and recommendations contained in this Material Safety Data Sheet from sources believed to be reliable and to represent the most reasonable current opinion on the subject when the MSDS was prepared. Although reasonable precautions have been taken in the preparation of the data contained herein, it is offered solely for your information, consideration and investigation.

G.K. Chemical Specialties Co. Inc. extends no warranty and assumes no responsibility as to the accuracy of the content or sufficiency of the information and expressly disclaims all liability for reliance thereon. This MSDS provides guidelines for the safe handling of this product. It does not and cannot advise on all possible situations, therefore, your specific use of this product should be evaluated to determine if additional precautions are required. Individuals exposed to this product should read and understand this information and be provided pertinent training prior to working with this product.

G.K. Chemical Specialties Co. Inc. assumes no responsibility for personal injury or property damage to vendors, users or third parties caused by the material. Such vendors or users assume all risks associated with the use of the material.

INGREDIENTS. This MSDS, under section of Ingredients, contains all ingredients listed under INGREDIENT DISCLOSURE LIST P.C. 1987-2719, 20/1/88 CANADA GAZETTE PART II VOL. 122, No 2 of HAZARDOUS PRODUCT ACT.

Percentage range of concentration of ingredients is expressed as percentage by weight of the total weight of the product. Ingredient List does not necessarily list all ingredients in the formulation and does not necessarily list all ingredient range of concentration, other than ingredients under the Disclosure List.

T.L.V. (units) or Threshold Limit Values refer to the limiting concentrations recommended by the Ministry of Labour. These values were adopted by the American Conference of Governmental Industrial Hygienists (A.C.G.I.H.). The figures refer to time-weighted average concentrations as P.P.M. (V/V) or mg/m³ for a normal working day or at any time for some materials.

“C.A.S REG. No.” means the identification number assigned to a chemical substance by the Chemical Abstracts Service Division of the American Chemical Society.

“LC 50” means the concentration of a substance in air that when administered by means of inhalation over a specified length of time in an animal assay, is expected to cause the death of 50 per cent of a defined animal population.

“LD 50” means the single dose of a substance that, when administered by a defined route in an animal assay, is expected to cause death of 50 per cent of a defined animal population.

FLASH POINT. The minimum temperature at which a substance gives off flammable vapors which in contact with spark or flame will ignite.

SECTION II – HAZARDOUS INGREDIENTS OF MATERIAL / INGRÉDIENTS DANGEREUX DE LA MATIÈRE

HAZARDOUS INGREDIENTS / INGRÉDIENTS DANGEREUX	APPROXIMATE CONCENTRATION % CONCENTRATION APROXIMATIVE %	C.A.S., N.A. OR U.N. NUMBERS / NUMERO CAS NA OU CNU	LD50 {SPECIFY SPECIES & ROUTE} DL50 {PRÉCISER L'ESPECE ET LA VOIE D'ADMINISTRATION}	LC 50 {SPECIFY SPECIES & ROUTE} CL50 {PRÉCISER L'ESPECE ET LA VOIE D'ADMINISTRATION}
Ethylene Glycol Monobutyl Ether	40-50	111-76-2	500-5000 mg/kgm Oral Rat TLV: 25 ppm	
Monoethanolamine	20-30	141-43-5	500-5000 mg/kgm Oral Rat TLV: 3 ppm	
Isopropanol	3-7	67-63-0	5840 mg/kgm Oral Rat TLV: 400 ppm	
Ester Type Surfactant	1-5	Non hazardous		
Water & Non Hazardous ingredients	Balance	Non hazardous		
			< = Less Than > = Greater Than	

SECTION III – PHYSICAL DATA FOR MATERIAL / CARACTÉRISTIQUES PHYSIQUES DE LA MATIÈRE

PHYSICAL STATE / ÉTAT PHYSIQUE	Liquid
ODOUR AND APPEARANCE / ODEUR ET APPARENCE	Clear Yellow-Green Liquid Pleasant Odour
ODOUR THRESHOLD (P.P.M.) / SEUIL DE L'ODEUR (PPM)	Not Established
SPECIFIC GRAVITY / DENSITE RELATIVE	9.55 ± 0.10
VAPOUR PRESSURE [MM] / TENSION DE VAPEUR [MM]	< 20 at 20 °C
VAPOUR DENSITY [AIRE = 1] / DENSITE DE VAPEUR [AIR =1]	> 1
EVAPORATION RATE / TAUX D'ÉVAPORATION	~ Water
BOILING POINT [°C] / POINT D'ÉBULLITION [°C]	82-100 °C
FREEZING POINT [°C] / POINT DE CONGELATION [°C]	- 35 °C Approximately
SOLUBILITY IN WATER [20°C] / SOLUBILITÉ DANS L'EAU [20°C]	Soluble
% VOLATILE [BY VOLUME] / % VOLATILITÉ [PAR VOLUME]	98 ± 0.5%
PH	Conc. 11.70 ± 0.4 2% sol'n 10.90 ± 0.4
COEFFICIENT OF WATER / OIL DISTRIBUTION / COEFFICIENT DE RÉPARTITION EAU / HUILE	Not Applicable

SECTION IV – FIRE AND EXPLOSION HAZARD OF MATERIAL/RISQUES D'INCENDIE ET D'EXPLOSION DU MATÉRIEL

FLAMMABILITY / INFLAMMABILITÉ _X_ YES / OUI _ NO/NON IF YES, UNDER WHICH CONDITIONS? / SI OUI, DANS QUELLES CONDIONS?	Product contains a small amount of isopropyl alcohol, which is flammable. Also ethylene glycol monobutyl ether and monoethanolamine are combustible liquids upon heating material (B.P IPA 82 °C) vapors can burn.
MEANS OF EXTINCTION / MOYENS D'EXTINCTION	Dry chemical, alcohol foam, carbon dioxide Cool exposed containers with water
SPECIAL PROCEDURES / MARCHE A SUIVRE SPÉCIALE	When heated, monoethanolamine generates irritating vapors. Wear goggles and self-contained breathing apparatus.
FLASHPOINT [°C] AND METHOD / POINT D'ÉCLAIR [°C] ET MÉTHODE DE DÉTERMINATION	150 °F (65 °C)
UPPER EXPLOSION LIMIT [% BY VOLUME]/ SEUIL MAXIMAL D'INFLAMMABILITÉ [% PAR VOLUME]	1.1
LOWER EXPLOSION LIMIT [% BY VOLUME]/ SEUIL MINIMAL D'INFLAMMABILITÉ [% PAR VOLUME]	10.6
AUTOIGNITION TEMPERATURE [°C] / TEMPÉRATURE D'AUTO- INFLAMMATION [°C]	210 °C

HAZARDOUS COMBUSTION PRODUCTS / PRODUITS DE COMBUSTION DANGEREUX

Irritating Vapors

EXPLOSION DATA / DONNÉES SUR L'EXPLOSIBILITÉ

SENSITIVITY TO MECHANICAL IMPACT / SENSIBILITÉ AUX CHOCS

Not Applicable

SENSITIVITY TO STATIC DISCHARGE / SENSIBILITÉ AU DÉCHARGES ÉLECTROSTATIQUES

Not Applicable

SECTION V – REACTIVITY DATA / DONNÉES SUR LA RÉACTIVITÉ

CHEMICAL STABILITY / STABILITÉ CHIMIQUE X YES / OUI

NO/NON

IF NO, UNDER WHICH CONDITIONS? / SI NON, DANS QUELLES CONDISIONS?

INCOMPATIBILITY TO OTHER SUBSTANCES /
INCOMPATIBILITÉ AVEC D'AUTRES SUBSTANCES X

	Strong oxidizers, Strong acids
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REACTIVITY AND UNDER WHAT CONDITIONS / RÉACTIVITÉ DANS QUELLES CONDITIONS?

E -	Not dangerously reactive – strong oxidizers – strong acids
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**HAZARDOUS DECOMPOSITION PRODUCTS / PRODUITS
DÉCOMPOSITION DANGEREUX**

	Irritating nitrogen oxides, carbon monoxide and (or carbon dioxide)
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SECTION VI –TOXICOLOGICAL PROPERTIES OF MATERIAL / PROPRIÉTÉS TOXICOLOGIQUES DE LA MATIÈRE

ROUTE OF ENTRY / VOIE D'ADMINISTRATION

X SKIN CONTACT / CONTACT AVEC LA PEAU

SKIN ABSORPTION / ABSORPTION PAR LA PEAU

X EYE CONTACT / CONTACT OCULAIRE

X INHALATION ACUTE / INHALATION AIGUE

INHALATION CHRONIC / INHALATION CHRONIQUE

X INGESTION

EFFECTS OF ACUTE EXPOSURE TO MATERIAL / EFFETS DE L'EXPOSITION AIGUE A LA MATIERE

EYE: May cause severe irritation, seen as marked excess redness and swelling of the conjunctiva. May cause chemical burns.

SKIN CONTACT: Brief contact may cause irritation, seen as local redness. Prolonged contact may cause chemical burns.

INGESTION: May cause chemical burns of the mouth, throat, esophagus and stomach. Signs and symptoms will include pain or discomfort in the mouth, chest and abdomen, nausea, vomiting, diarrhea, dizziness, drowsiness, faintness, weakness, collapse, coma.

EFFECTS OF CHRONIC EXPOSURE TO MATERIAL / EFFETS DE L'EXPOSITION CHRONIQUE A LA MATIERE

Data not available

MATERIAL NAME / IDENTIFIER - NOM / IDENTIFICATION DE LA MATIÈRE↓
RAPID STRIP Floor Finish and Emulsion Sealer Stripper

LD50 OF MATERIAL [SPECIFY SPECIES & ROUTE] / LD50 DE LA MATIÈRE [PRÉCISER L'ESPECE ET LA VOIE D'ADMINISTRATION]	800-8000 mg/kgm Oral Rat
LC50 OF MATERIAL [SPECIFY SPECIES & ROUTE] LC50 DE LA MATIÈRE / [PRÉCISER L'ESPECE ET LA VOIE D'ADMINISTRATION]	Not Established
EXPOSURE [LIMITS] / LIMITS D'EXPOSITION	TLV Value 15 ppm
IRRITANCY OF MATERIAL/PROPRIÉTÉ IRRITANTE DE LA MATIÈRE	Eyes, Skin
SENSITIZATION OF MATERIAL / SENSIBILISATION A LA MATIÈRE	Eyes, Skin
SYNERGISTIC MATERIALS / MATÉRES SYNERGIQUES	None Known
CARCINOGENICITY, REPRODUCTIVE EFFECTS, TERATOGENICITY, MUTAGENCY / CANCÉROGÉNÉCITÉ, EFFETS NOCIFS SUR LA REPRODUCTION, TÉRATOGÉNÉCITÉ, MUTAGÉNÉCITÉ	None of the ingredients contained in this product are regulated as carcinogens by OSHA

SECTION VII – PREVENTIVES MEASURES / MESURES PRÉVENTIVES

PERSONAL PROTECTIVE EQUIPMENT / MATÉRIEL PERSONNEL DE PROTECTION

GLOVES (SPECIFY) GANTS [PRÉCISER]	Impervious
EYE [SPECIFY] / YEUX [PRÉCISER]	Glasses, splash goggles
RESPIRATORY (SPECIFY) / APPAREIL RESPIRATOIRE (PRÉCISER)	NIOSH approved respiratory protection is required in absence of proper environmental control. Spray applications will create mist and requires respiratory protection. Other applications use if TLV value of 25 ppm is not maintained.
OTHER (SPECIFY) / AUTRES (PRCISER)	Full protective suit is recommended whenever there is a possibility that this product could come in contact with clothing or skin.
ENGINEERING CONTYROLS [E.G. VENTILATION, ENCLOSED PROCESS, SPECIFY] / MÉCANISMES TECHNIQUES [EX. VENTILATION, OPÉRATION EN MILIEU FERMÉ, PRÉCISER]	General Ventilation, use local ventilation if required to control vapors to 5 ppm.
LEAK AND SPILL PROCEDURE / MESURES EN CAS DE FUITE OU DE DÉVERSEMENT	Wear suitable protective equipment Avoid contact with liquid and vapors Collect for disposal
WASTE DISPOSAL / ÉLIMINATION DES RÉSIDUS	Large amounts may be toxic to aquatic life. Incineration is the preferred method of disposal. Incinerate where permitted under appropriate location. If spilled and material cannot be collected, it may be possible to neutralize with dilute hydrochloric, or phosphoric acid. Small amounts flush with water to sanitary system.
HANDLING PROCEDURES AND EQUIPMENTS / MÉTHODES ET ÉQUIPEMENT POUR LA MANUTENTION	Avoid any contact with skin and eyes.
STORAGE REQUIREMENTS / EXIGENCES D'ENTREPOSAGE	Store in closed containers, away from children.
SPECIAL SHIPPING INFORMATION / RENSEIGNEMENTS SPÉCIAUX POUR L'EXPÉDITION	Isopropanol or Isopropyl Alcohol Solution 6% Class 3.2. Pin #1219, PKG III

SECTION VIII – FIRST AID MEASURES / PREMIERS SOINS

EYE CONTACT: Immediately flush with lots of running water for 15 minutes, lifting the upper and lower eyelids occasionally. Get medical attention.

SKIN CONTACT: Wash skin with lots of water. Remove contaminated clothing and shoes; wash before reuse. Get medical attention if required.

IF SWALLOWED: Give at least two glasses of water and then diluted vinegar or lemon juice. Do not induce vomiting. Get immediate medical attention. Do not give anything by mouth to an unconscious or convulsing person.

INHALATION: Remove to fresh air. Give artificial respiration if not breathing. Oxygen may be given if necessary. Get medical attention.

ADDITIONAL INFORMATION / RENSEIGNEMENTS SUPPLÉMENTAIRES	
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SECTION IX – PREPARATION DATE OF M.S.D.S. / FICHE SIGNALÉTIQUE

PREPARED BY: Gus Kaklamanos - CHEMIST

TELEPHONE NO.: (416) 2617182

DATE: January 5, 2015

ADDITIONAL NOTES OR REFERENCES / NOTES ADDITIONNELLES OU RÉFÉRENCES:

Major ingredients such as Ethylene Glycol Monobutyl Ether and Monoethanolamine have a very slow evaporation rate. Under typical conditions of use, this product will not create excessive amounts of vapors, or fumes.

WHMIS CLASSIFICATION: CLASS D, DIV. 2, SUB. A AND SUB. B
CLASS B, DIV. 3