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H.M.I.S.
HEALTH 2*
FLAMMABILITY 3
REACTIVITY 0
These ratings should be used only
as part of full implemented
H.M.I.S. program.

M A T E R I A L S A F E T Y D A T A S H E E T

SECTION 1 - PRODUCT INFORMATION

DATE OF PREPARATION 9/19/05

TRADE NAME..... FORMICA F150 RED 05M PAIL/5GAL PHYSICAL FORM: SOLVENT

MANUFACTURER CODE I.D. F150_05M (Formerly a Sovereign Specialty Chemical Inc Product)

SOVEREIGN MANUFACTURER CODE I.D. F150 05M

SECTION 2 - HAZARDOUS INGREDIENTS/COMPOSITION INFORMATION

INGREDIENT	% BY WGT	CAS NO.	ALLOWABLE		SARA 313	VP mm Hg @ 20 DEG.C
			EXPOSURE LEVEL			
				PPM MG/CU.M.	SKIN	
TOLUENE	10	108-88-3	TLV-TWA	50	188	SKIN X 22
			OSHA-PEL	200	752	
			OSHA-STEL	500	1880	
			OSHA-CEIL	300	1128	
			LFL	1.7	UFL 7.1	
ACETONE		67-64-1	TLV-TWA	750	1780	180
			TLV-STEL	1000	2375	
			OSHA-PEL	750	1800	
			OSHA-STEL	1000	2400	
			LFL	2.6	UFL 13.0	
SOLVENT REFINED NAPTHA		64741-84-0	NONE ESTABLISHED			
			LFL	1.0	UFL 7.0	
HEXANE	10	110-54-3	TLV-TWA	50	180	X 120
			OSHA-PEL	500	1800	
			LFL	1.0	UFL 8.0	
N-HEPTANE		142-82-5	TLV-TWA	400	1600	40
			TLV-STEL	500	2000	
			OSHA-PEL	400	1600	
			OSHA-STEL	500	2000	
			LFL	1.0	UFL 7.0	

LFL = LOWER FLAMMABILITY LIMIT PERCENT
UFL = UPPER FLAMMABILITY LIMIT PERCENT
SKIN = SKIN ABSORPTION MUST BE CONSIDERED AS A ROUTE OF EXPOSURE
C-CEILING= ALLOW. EXPOSURE LEVEL SHOULD NOT BE EXCEEDED FOR ANY TIME PERIOD
MFR = MANUFACTURER RECOMMENDED EXPOSURE LIMIT
STEL = SHORT TERM EXPOSURE LIMIT
X-SARA 313 = CHEMICAL IS SUBJECT TO REPORTING REQUIREMENTS OF SECTION 313
OF TITLE III OF S.A.R.A. 40 CFR PART 372

SECTION 3 - HAZARDS IDENTIFICATION

EFFECTS OF SHORT TERM OVEREXPOSURE
SWALLOWING
Can cause gastrointestinal irritation, nausea, and vomiting. Aspiration of

SECTION 3 - HAZARDS IDENTIFICATION (Continued)

SWALLOWING

material into lung may cause chemical pneumonitis which can be fatal.

INHALATION

May cause nose or throat irritation. High concentrations may cause acute central nervous system depression characterized by headaches, dizziness, nausea and confusion.

EYE

May cause eye irritation.

SKIN

Primary skin irritant.

May cause defatting and irritation of the skin.

EFFECTS OF REPEATED OVEREXPOSURE

Repeated overexposure to toluene may cause liver damage.

Repeated overexposure to n-hexane may cause damage to the peripheral nervous system.

Exposure to Methyl Ethyl Ketone may enhance the neurotoxicity of n-Hexane and Methyl-n-Butyl Ketone. This synergistic effect has resulted in peripheral neuropathy in humans.

Reports have associated prolonged and repeated occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

SIGNIFICANT LABORATORY DATA WITH POSSIBLE RELEVANCE TO HUMAN HEALTH.

Toluene has been found to cause kidney, lung and spleen damage in laboratory animals.

SECTION 4 - FIRST-AID MEASURES

SWALLOWING

If swallowed do not induce vomiting. Call poison control center, hospital emergency room or physician immediately.

INHALATION

Remove to fresh air immediately. If breathing has stopped, give artificial respiration. Keep warm and quiet. Get medical attention immediately.

EYE

Flush with large amounts of water, lifting upper and lower lids occasionally. Continue for at least 15 minutes. Get medical attention.

SKIN

Immediately flush the contaminated area with large amounts of water. Remove contaminated clothing as water is applied. Consult a physician.

NOTES TO PHYSICIAN

Any treatment that might be required for overexposure should be directed at the control of symptoms and the clinical conditions.

SECTION 5 - FIRE-FIGHTING MEASURES

NFPA FLAMMABILITY CLASSIFICATION FLAMMABLE LIQUID - CLASS IB

FLASHPOINT -15 DEG.F,SFCC (-26 DEG.C,)

EXTINGUISHING MEDIA

Use NFPA Class B Fire extinguishers (carbon dioxide, all purpose dry chemical or alcohol foam) designed to extinguish flammable liquid fires. Polymer foam is preferred for large fires.

UNUSUAL FIRE AND EXPLOSION HAZARDS

During emergency conditions, overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.

DANGER! EXTREMELY FLAMMABLE. VAPORS MAY CAUSE FLASH FIRE.

SPECIAL FIRE FIGHTING PROCEDURES

Firefighters should wear self-contained breathing apparatus.

Water may be ineffective, but may be used to cool exposed containers to prevent pressure build-up and possible auto-ignition or explosion when exposed to extreme heat. If water is used, fog nozzles are preferable.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED

Wear respirators, eye, hand, and body protection appropriate for the

SECTION 6 - ACCIDENTAL RELEASE MEASURES (Continued)

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED

size of the spill and the exposures encountered.

Keep spectators away. Eliminate all ignition sources (flames, hot surfaces, and sources of electrical, static or frictional sparks).

Dike and contain spill with inert material (e.g. sand, earth). Transfer liquids to covered metal containers for recovery or disposal, or remove with inert absorbent. Use only non-sparking tools. Place absorbent diking materials in covered metal containers for disposal. Prevent contamination of sewers, streams, and groundwater with spilled material or used absorbent.

WASTE DISPOSAL

Dispose in accordance with federal, state and local regulations.

RCRA CLASSIFICATION

This product, if discarded directly, would be classified a hazardous waste based on its ignitability characteristic, i.e. has a flash point of 140 deg. F.(60 deg.C) or less. The proper RCRA classification would be D001.

ENVIRONMENTAL HAZARDS

None known

SECTION 7 - HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE

Do not store above 115 deg.F (46 deg.C) store large quantities in compliance with OSHA 29CFR1910.106.

OTHER PRECAUTIONS

Do not take internally. Close container after each use.

Empty containers must not be washed and re-used for any purpose.

Containers should be grounded and bonded to the receiving container.

Do not weld, braze or cut on empty container.

Never use pressure to empty. Drum is not a pressure vessel.

SECTION 8 - EXPOSURE CONTROLS

RESPIRATORY PROTECTION

Proper selection of respiratory protection depends upon many factors including duration and level of exposure and conditions of use. In general exposure to organic chemicals such as those contained in this product may not require the use of respiratory protection if used in well ventilated areas. In areas of restricted ventilation a NIOSH approved organic vapor respirator may be required. Under certain conditions, such as spraying, a mechanical prefilter may also be required. In confined areas or in high exposure situations a NIOSH/MSHA approved air supplied respirator may be required. If the TLV's or PEL's listed in Section II are exceeded use a properly fitted NIOSH/MSHA approved respirator with an appropriate protection factor. Refer to OSHA 29 CFR 1910.134 "Respiratory Protection", and "Respiratory Protection a Manual and Guideline, American Industrial Hygiene Association".

VENTILATION

Provide local exhaust ventilation in sufficient volume and pattern so as to maintain exposures below nuisance dust limits and permissible exposure limits which may be listed in Section II. Refer to Industrial Ventilation - A Manual for Recommended Practice - American Conference Of Governmental Industrial Hygienists.

HAND PROTECTION

Solvent impermeable gloves are required for repeated or prolonged contact.

EYE PROTECTION

Wear safety glasses meeting the specifications of ANSI Z87.1 where no contact with the eye is anticipated. Chemical safety goggles meeting the specifications of ANSI Z87.1 should be worn whenever there is a possibility of splashing or other contact with the eyes.

OTHER PROTECTIVE EQUIPMENT

Eyewash facility, safety shower.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

BOILING RANGE 130 DEG.F. (54 DEG.C.) TO 233 DEG.F.(112 DEG.C.)

VAPOR DENSITY Heavier than air. % VOLATILE BY VOLUME 87

WEIGHT LB./GAL.	6.7	VOC	26.49 lb/gal	solids	3179 g/l	solids	CALCULATED
SPECIFIC GRAVITY	0.8						

SECTION 10 - STABILITY AND REACTIVITY

Normally stable.

Avoid excessive heat (>115 F (46 C) and sources of ignition.

Strong acids or alkaline materials.

Oxidizing materials.

Burning, including when heated by welding or cutting, will produce smoke, carbon monoxide and carbon dioxide.

Will not occur

None known

SECTION 11 - TOXICOLOGICAL INFORMATION

No information available.

SECTION 12 - ECOLOGICAL INFORMATION

No information available.

SECTION 13 - DISPOSAL CONSIDERATIONS

See Section 6.

SECTION 14 - TRANSPORT INFORMATION

ITEM: F150 05M DESC/SIZE: FORMICA F150 RED 05M PAIL/5GAL

MODE	PROPER SHIPPING NAME	CLASS	I.D.#	PKG	GRP
	NAERG: 3-05				

IATA
(AIR) PROHIBITED

DOT (HM-181)
(DOMESTIC SURFACE) ADHESIVES 3 UN1133 II
NAERG: 128

IMDG CODE				
(OCEAN)	ADHESIVES	3	UN1133	II

NOTE! The assignment of Proper Shipping Names is in part a function of the size of the product container and the transport mode. For example, the Proper Shipping Name for a bulk container can differ significantly from the Proper Shipping Name for the same product packaged in a non-bulk container. This can also be true for products shipped via different modes of transportation (i.e. ground, air, ocean). The descriptions provided above are intended to provide some guidance. However, these descriptions may not apply to your package size or mode of shipment.

SECTION 14 - TRANSPORT INFORMATION (Continued)

The U.S. Code of Federal Regulations, 49 CFR - Transportation, regulations, and the policies established by some transporters, require that the shipper properly classify and assign a Proper Shipping Name, and label, mark and package the material properly. Therefore, the user of this information is cautioned to consult with applicable regulations, and with qualified advisors prior to the repackaging and or reshipment of this or other any product which contain this product.

SECTION 15 - REGULATORY INFORMATION

WARNING: This product contains
TOLUENE;
a chemical known to the State of California to cause birth defects or
other reproductive harm.

INGREDIENT CAS NO. DETAIL INVENTORY LIST INFORMATION

TOLUENE	108-88-3	TSCA(8a CAIR) TSCA(8a PAIR) TSCA(8d) DSL
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ACETONE	67-64-1	TSCA(12b) TSCA(4) DSL
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SOLVENT REFINED NAPHTHA	64741-84-0	DSL
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HEXANE	110-54-3	TSCA(12b) TSCA(4) DSL
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N-HEPTANE	142-82-5	TSCA(12b) TSCA(4a) TSCA(8a PAIR) TSCA(8d) DSL
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DETAIL INVENTORY LIST DESCRIPTION

TSCA/Toxic Substances Control Act
(12b)Notices of Export
(4)Test Rules
(4a)TSCA 4a
(8a CAIR)Comprehensive Assessment Information Rules
(8a PAIR)Preliminary Assessment Information Rules
(8d)Health and Safety Reporting Rules
DSL/Canadian Domestic Substance List

SECTION 16 - OTHER INFORMATION

DISCLAIMER: The data contained herein are furnished for information only and are believed to be reliable. However, Henkel Corporation does not assume responsibility for any results obtained by persons over whose methods Henkel Corporation has no control. It is the user's responsibility to determine the suitability of Henkel's products or any production methods mentioned herein for a particular purpose, and to adopt such precautions as may be advisable for the protection of property and persons against any hazards that may be involved in the handling and use of any of Henkel

SECTION 16 - OTHER INFORMATION (Continued)

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