



GLASS COATINGS & RESINS DIVISION  
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SECTION I

CODE IDENTIFICATION 14212 DATE PRINTED 02/28/86  
PRODUCT IDENTIFICATION CARB DEEP T B

SECTION II - HAZARDOUS INGREDIENTS

INGREDIENT	WEIGHT PERCENT	THRESHOLD LIMIT VALUE	LEL	VAPOR PRESS.
FLOW ADDITIVE	1			
CAS NO. - 61791-24-0				
MAGNESIUM ALUMINUM SILICATE	5	10 MG/M3		
CAS NO. - 1337-76-4				
TITANIUM DIOXIDE	3	10 MG/M3		
CAS NO. - 1317-80-2				
KEROSENE	6	200 PPM	* 1.0	1.00
CAS NO. - 64742-47-8				
MINERAL SPIRITS	29	100 PPM	* 1.0	7.00
CAS NO. - 64742-88-7				

\* NONE ESTABLISHED BY ACGIH. VALUE SHOWN IS TYPICALLY RECOMMENDED BY SUPPLIERS.  
THE THRESHOLD LIMIT VALUE (TLV) IS THE TIME WEIGHTED AVERAGE (TWA) TO WHICH IT IS BELIEVED THAT MOST WORKERS MAY BE EXPOSED 8-10 HOURS PER DAY, 40 HOURS PER WEEK WITHOUT ADVERSE HEALTH EFFECTS.  
LEL - THE LOWER EXPLOSIVE LIMIT IS THE LOWEST CONCENTRATION (% OF VOLATILES IN AIR) THAT WILL PRODUCE A FLASH OF FIRE WHEN AN IGNITION SOURCE IS PRESENT.

SECTION III - PHYSICAL DATA

BOILING RANGE 313 - 495 F WEIGHT PER GALLON 3.63  
% VOLATILE BY VOLUME 46.97



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## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (SETA) 105 F LOWER EXPLOSIVE LIMIT 1.0

DOT (PSN) PAINT, UN 1263

HAZARD CLASS COMBUSTIBLE LIQUID

### EXTINGUISHING MEDIA

DRY CHEMICAL OR FOAM

### UNUSUAL FIRE AND EXPLOSION HAZARDS

CLOSED CONTAINERS MAY EXPLODE WHEN EXPOSED TO EXTREME HEAT OR FIRE.

VAPORS CAN FORM EXPLOSIVE MIXTURES IN AIR AT ELEVATED TEMPERATURES.

MAY DECOMPOSE UNDER FIRE CONDITIONS EMITTING IRRITANT AND/OR TOXIC GASES.

### SPECIAL FIRE FIGHTING PROCEDURES

WATER MAY BE USED TO COOL AND PROTECT EXPOSED CONTAINERS.

## SECTION V - HEALTH HAZARD DATA

ROUTE OF ENTRY INHALATION  
SKIN  
EYES  
INGESTION

### EFFECTS OF OVEREXPOSURE

IRRITATION OF EYES, SKIN, RESPIRATORY TRACT. PROLONGED INHALATION MAY LEAD TO MUCOUS MEMBRANE IRRITATION, FATIGUE, DIZZINESS AND/OR LIGHTHEADEDNESS, HEADACHE, UNCOORDINATION, NAUSEA, CENTRAL NERVOUS SYSTEM DEPRESSION. PROLONGED OR REPEATED CONTACT CAN CAUSE DERMATITIS, DEFATTING, BLURRED VISION, TEARING OF EYES, REDNESS OF EYES. POSSIBLE NAUSEA, VOMITING, DIARRHEA, BLURRED VISION, TEARING OF EYES, ANESTHETIC EFFECT OR NARCOSIS.

NOTICE - REPORTS HAVE ASSOCIATED REPEATED AND PROLONGED OCCUPATIONAL OVEREXPOSURE TO SOLVENTS WITH PERMANENT BRAIN AND NERVOUS SYSTEM DAMAGE. INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING AND INHALING THE CONTENTS MAY BE

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## SECTION V - HEALTH HAZARD DATA

### EFFECTS OF OVEREXPOSURE

HARMFUL OR FATAL.

### EMERGENCY AND FIRST AID PROCEDURES

INHALATION	MOVE PERSON TO WELL VENTILATED AREA. GET EMERGENCY MEDICAL ATTENTION. ADMINISTER OXYGEN OR ARTIFICIAL RESPIRATION IF NECESSARY.
SKIN CONTACT	FLUSH FROM SKIN WITH WATER; THEN WASH THOROUGHLY WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING. WASH CONTAMINATED CLOTHING BEFORE RE-USE.
EYE CONTACT	FLUSH IMMEDIATELY WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. GET EMERGENCY MEDICAL ATTENTION.
INGESTION	GET EMERGENCY MEDICAL ATTENTION.

## SECTION VI - REACTIVITY DATA

STABILITY	STABLE
INCOMPATIBILITY	OXIDIZERS ACIDS BASES AMINES

### CONDITIONS TO AVOID

ELEVATED TEMPERATURES  
CONTACT WITH OXIDIZING AGENT

### HAZARDOUS DECOMPOSITION PRODUCTS

CARBON MONOXIDE  
CARBON DIOXIDE

### HAZARDOUS POLYMERIZATION

WILL NOT OCCUR

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## SECTION VII - SPILL OR LEAK PROCEDURES

### STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

ELIMINATE ALL SOURCES OF IGNITION.  
VENTILATE AREA.  
SMALL SPILLS MAY BE COLLECTED WITH ABSORBENT MATERIALS.  
LARGE SPILLS - OBSERVE STEPS FOR SMALL SPILLS. SHUT OFF  
LEAK IF SAFE TO DO SO. DIKE AND CONTAIN SPILL. PUMP TO  
STORAGE OR SALVAGE VESSELS. USE ABSORBENT TO PICK UP EXCESS  
RESIDUE. KEEP SALVAGE MATERIAL AND RINSE WATER OUT OF SEWERS  
OR WATER COURSES. COMPLY WITH ALL APPLICABLE REGULATIONS FOR  
HEALTH AND POLLUTION CONTROL.

**WASTE DISPOSAL** DISPOSE IN ACCORDANCE WITH ALL APPLICABLE REGULATIONS.  
AVOID DISCHARGE TO NATURAL WATERS.

## SECTION VIII - SPECIAL PROTECTION INFORMATION

### RESPIRATORY PROTECTION

CONTROL ENVIRONMENTAL CONCENTRATIONS BELOW APPLICABLE  
STANDARDS. WHERE RESPIRATORY PROTECTION IS REQUIRED, USE  
ONLY NIOSH/MSHA APPROVED RESPIRATORS IN ACCORDANCE WITH OSHA  
STANDARD 29 CFR 1910.134.

**VENTILATION** PROVIDE DILUTION VENTILATION OR LOCAL EXHAUST TO PREVENT  
BUILD-UP OF VAPORS.

### PERSONAL PROTECTIVE EQUIPMENT

EYE WASH  
SAFETY SHOWER  
SAFETY GLASSES OR GOGGLES  
IMPERVIOUS GLOVES

## SECTION IX - SPECIAL PRECAUTIONS

### HANDLING AND STORAGE

STORE BELOW 100 F.  
KEEP AWAY FROM HEAT, SPARKS AND OPEN FLAME.

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## SECTION IX - SPECIAL PRECAUTIONS

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OTHER PRECAUTIONS    USE ONLY WITH ADEQUATE VENTILATION.  
DO NOT TAKE INTERNALLY.  
KEEP OUT OF REACH OF CHILDREN.  
AVOID CONTACT WITH SKIN AND EYES, AND BREATHING OF VAPORS.  
WASH HANDS THOROUGHLY AFTER HANDLING, ESPECIALLY BEFORE  
EATING OR SMOKING.  
KEEP CONTAINERS TIGHTLY CLOSED AND UPRIGHT WHEN NOT IN USE.  
AVOID BREATHING SANDING DUST.  
EMPTY CONTAINERS MAY CONTAIN HAZARDOUS RESIDUES.