



SCM CORPORATION

GLASS COATINGS & RESINS DIVISION
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SECTION I

CODE IDENTIFICATION 14200 DATE PRINTED 02/28/86
PRODUCT IDENTIFICATION CARB ORANGE

SECTION II - HAZARDOUS INGREDIENTS

INGREDIENT	WEIGHT PERCENT	THRESHOLD LIMIT VALUE	LEL	VAPOR PRESS.
TITANIUM DIOXIDE CAS NO. - 1317-80-2	5	10 MG/M3		
MINERAL SPIRITS, NARROW RANGE CAS NO. - 64742-88-7	36	200 PPM *	1.0	2.50
MINERAL SPIRITS CAS NO. - 64742-88-7	9	100 PPM *	1.0	7.00
PENTAERYTHRITOL ESTER	1			

* 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 - 374 F WEIGHT PER GALLON 8.01
% VOLATILE BY VOLUME 57.82



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SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (SETA) 102 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 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 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 SENSITIZATION TO SKIN. POSSIBLE NAUSEA, VOMITING, DIARRHEA, BLURRED VISION, TEARING OF EYES, ANESTHETIC EFFECT OR NARCOSIS, DIFFICULTY OF BREATHING.
NOTICE - REPORTS HAVE ASSOCIATED REPEATED AND PROLONGED OCCUPATIONAL OVEREXPOSURE TO SOLVENTS WITH PERMANENT BRAIN AND NERVOUS SYSTEM DAMAGE. INTENTIONAL MISUSE BY

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SECTION V - HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE

DELIBERATELY CONCENTRATING AND INHALING THE CONTENTS MAY BE 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.
- 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.
KEEP FROM FREEZING.

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SECTION IX - SPECIAL PRECAUTIONS

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 HAZARDDUS RESIDUES.