

MATERIAL SAFETY DATA SHEET

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SECTION I - PRODUCT IDENTIFICATION

MANUFACTURER: THE CHARGAR CORP.
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PRODUCT CLASS: SWIMMING POOL PAINT

CODE IDENTIFICATION: SWIMCOAT

TRADE NAME: CHARGAR SWIMCOAT

SECTION II - HAZARDOUS INGREDIENTS

INGREDIENT	PERCENT BY WEIGHT	ACGIH PPM	TLV MG/CU.M	OSHA PPM	PEL MG/CU.M
PETROLEUM NAPHTHA CAS NO. 1330-20-7	34.1	100	-----	100	-----
CHLORINATED RUBBER CAS NO. 68441-58-7	13.6				
TITANIUM DIOXIDE CAS NO. 13463-67-7	19.7	---	15.0	---	15.0
BARYTES CAS NO.	19.7				
TALC CAS NO. 14807-96-6	3.9	NOT ESTB.	-----	NOT ESTB.	-----
CHLORINATED WAX CAS NO. 61788-76-9	7.9				
DI-2-ETHYLHEXYL PHTHALATE CAS NO. 117-81-7	1.1		5MG		

THE TALC FOUND IN THIS PRODUCT HAS AN OSHA PEL OF 20 MPPCF AND A LIMIT OF 10 MG/CU.M SET BY MSHA. THESE EXPOSURE LIMITS ARE FOR AIRBORNE DUSTS WHICH ARE NOT ENCOUNTERED IN NORMAL USE OF THIS PRODUCT.

SECTION III - PHYSICAL DATA

BOILING RANGE: 281.0 TO 283.0 F VAPOR DENSITY: HEAVIER THEN AIR
EVAPORATION RATE: SLOWER THAN ETHER
PERCENT VOLATILE BY VOLUME: 53.4 VOC. (LESS WATER) 3.84 lbs/gal
WEIGHT PER GALLON: 11.28 POUNDS
VAPOR PRESSURE: NOT MEASURED MELTING POINT: NONE
SOLUBILITY IN WATER: VERY SLIGHTLY SOLUBLE
APPEARANCE AND ODOR: WHITE OPAQUE LIQUID - AROMATIC SOLVENT ODOR

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

OSHA CATEGORY: COMBUSTIBLE LIQUID
FLASH POINT: 140 F TAG CLOSED CUP LEL: N/ES UEL: N/ES
EXTINGUISHING MEDIA: CARBON DIOXIDE, DRY CHEMICAL OR FOAM

UNUSUAL FIRE AND EXPLOSION HAZARDS: PRESSURE MAY BUILD UP IN CLOSED CONTAINERS THAT ARE EXPOSED TO HEAT. SOLVENT VAPORS ARE HEAVIER THAN AIR AND MAY TRAVEL A CONSIDERABLE DISTANCE ALONG THE GROUND TO AN IGNITION SOURCE AND "FLASH BACK".
SPECIAL FIRE FIGHTING PROCEDURES: WATER MAY BE INEFFECTIVE, HOWEVER, WATER MAY BE USED TO COOL CLOSED CONTAINERS THAT ARE EXPOSED TO HEAT.
FIREFIGHTING PERSONNEL SHOULD WEAR SELF-CONTAINED BREATHING APPARATUS.

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: SEE SECTION II
PRIMARY ROUTES OF ENTRY: INHALATION AND SKIN CONTACT
EFFECT OF OVEREXPOSURE: NAPTHA IS IRRITATING TO EYES, NOSE AND THROAT.
NARCOSIS MAY OCCUR ABOVE THRESHOLD LIMIT. REPEATED EXCESSIVE EXPOSURE MAY CAUSE HEADACHE, DIZZINESS, FATIGUE, SLEEPINESS, IRRITABILITY OR NAUSEA.
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: RESPIRATORY DIFFICULTIES OR PREEXISTING SKIN SENSITIZATION
CARCINOGENCITY: NONE OF THE COMPONENTS OF THIS PRODUCT ARE REPORTED CARCINOGENS
EMERGENCY FIRST AID PROCEDURES: INHALATION: REMOVE TO FRESH AIR.
ADMINISTER ARTIFICIAL RESPIRATION OR OXYGEN IF BREATHING IS DIFFICULT.
SKIN: WASH AFFECTED AREA WITH MILD SOAP AND WATER. REMOVE AND LAUNDER CONTAMINATED CLOTHING. CONSULT A PHYSICIAN IF IRRITATION PERSISTS.
EYES: FLUSH IMMEDIATELY WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. TAKE TO A PHYSICIAN FOR MEDICAL TREATMENT.
INGESTION: CALL A PHYSICIAN IMMEDIATELY

SECTION VI - REACTIVITY DATA

STABILITY: NORMALLY STABLE
CONDITIONS TO AVOID: NONE KNOWN
HAZARDOUS DECOMPOSITION PRODUCTS: BY FIRE: NORMAL PRODUCTS OF INCOMPLETE COMBUSTION
HAZARDOUS POLYMERIZATION: DOES NOT OCCUR

SECTION VII - SPILL OR LEAKAGE PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IN RELEASED OR SPILLED: PROVIDE ADEQUATE VENTILATION. REMOVE ALL POSSIBLE IGNITION SOURCES. ABSORB AND DISPOSE USING NON-SPARKING TOOLS.
WASTE DISPOSAL METHOD: DISPOSE IN ACCORDANCE WITH LOCAL REGULATIONS.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: IN OUTDOOR OR OPEN AREAS USE BUREAU OF MINES APPROVED MECHANICAL FILTER RESPIRATOR TO REMOVE SOLID AIRBORNE PARTICULATES OF OVERSPRAY. INDOORS, WHERE VENTILATION IS INADEQUATE, USE BUREAU OF MINES APPROVED CHEMICAL-MECHANICAL RESPIRATORS DESIGNED TO REMOVE BOTH PARTICULATE AND VAPOR.
PROTECTIVE GLOVES: RECOMMENDED IF SKIN CONTACT IS LIKELY.

EYE PROTECTION: CHEMICAL SPLASH GOGGLES RECOMMENDED IF POTENTIAL FOR SPLASH EYE CONTACT IS LIKELY.

OTHER PROTECTIVE EQUIPMENT: RECOMMENDED AS NEEDED TO AVOID CONTACT.

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING OR STORING: STORE IN A COOL DRY PLACE AWAY FROM HEAT, SPARKS AND FLAME. KEEP CONTAINERS CLOSED AND UPRIGHT TO PREVENT LEAKAGE. OUTSIDE OR DETACHED STORAGE IS PREFERRED. INSIDE STORAGE SHOULD BE IN A STANDARD FLAMMABLE STOREROOM OR CABINET. METAL CONTAINERS SHOULD BE GROUNDED WHEN TRANSFERRING MATERIAL FROM ONE CONTAINER TO ANOTHER FOR ANY PURPOSE.

OTHER PRECAUTIONS: DURING APPLICATION REMOVE ALL SOURCES OF IGNITION. APPLY IN WELL VENTILATED AREAS.

PREPARED BY: TECHNICAL STAFF

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