

MATERIAL SAFETY DATA SHEET

For R&D use only. Not for drug, household or other uses.

Click <http://www.lookchem.com/cas-900/9004-36-8.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:

9004-36-8

Code:

M

RTECS:**Code:**

X

Name:

CELLULOSE ACETATE BUTYLATE % WT = INGREDIENT 8 &

Other REC Limits:

N/K

OSHA PEL:

N/K (FP N)

Code:

M

OSHA STEL:**Code:****ACGIH TLV:**

N/K (FP N)

Code:

M

ACGIH STEL:

N/P

Code:

Control Measures

Respiratory Protection:

NONE REQUIRED. USE NIOSH APPROVED RESPIRATOR APPROPRIATE FOR EXPOSURE OF CONCERN (FP N).

Ventilation:

LOCAL EXHAUST: NORMAL WORKING CONDITIONS. MECHANICAL (GENERAL): YES.

Protective Gloves:

IMPERVIOUS GLOVES (FP N).

Eye Protection:

ANSI APPROVED CHEM WORKERS GOGGLES (FP N).

Other Protective Equipment:

Equipment 7 ANSI APPROVED EYE WASH DELUGE SHOWER (FP N).

Work Hygienic Practices:

AVOID SKIN CONTACT. AVOID PROLONGED USE IN UNVENTILATED AREAS. WASH HANDS THOROUGHLY AFTER USING THIS PRODUCT.

Supplemental Safety and Health:

SPEC GRAV: 1.03-1.20 (H₂O=1).

Health Hazards Data

LD50/LC50/Mixture:

NONE SPECIFIED BY MANUFACTURER.

Route Of Entry Inds - Inhalation:

YES

Skin:

YES

Ingestion:

YES

Carcinogenicity Inds - NTP:

NO

IARC:

YES

OSHA:

NO 5

Health Hazards Acute And Chronic:

ANIMAL STUDIES HAVE CLEARLY SHOWN DOSE-RELATED ADVERSE EFFECTS ON THE CNS, HEMATOIETIC TISSUES, BLOOD, KIDNEYS & LIVER ASSOC W/ THE ADMIN OF 2-BUTOXYETHANOL. (EXTRACTED FROM DHHS (NIOSH) PUB NO 90-11 8) (FP N). SYMPTOMS OF EXPOSURE: IRRITATION OF SKIN, EYES, MUCOUS MEMBRANES, NASAL PASSAGES OR THROAT. (EFTS OF OVEREXP)

Explanation Of Carcinogenicity:

CARBON BLACK: IARC MONOGRAPHS, VOL 65, PG 149, 1996: GROUP 2B.

Signs And Symptoms Of Overexposure:

HLTH HAZ: MAY CAUSE HEADACHE, NAUSEA, DIZZINESS, VOMITING, WEAKNESS & DIFFICULTY BREATHING. HIGH CONCS & PRLNGD OVEREXP CAN BE DAMAGING TO GI SYSTEM, RESPIRATORY SYSTEM, CNS, KIDNEYS, LIVER & CAUSE VISUAL DISTURBANCES INCLUDING CORNEAL DAMAGE. (BASED ON LIQUID FORMS OF 2-BUTOXYETHANOL & DIBUTYL PHTHALATE - INGESTION.)

Medical Cond Aggravated By Exposure:

PERSONS WITH KIDNEY IMPAIRMENT OR DISEASE SHOULD NOT WORK WITH DIBUTYL PHTHALATE (OVEREXPOSURE NOT LIKELY UNLESS INGESTED).

First Aid:

EYES: FLUSH EYES WITH WATER FOR AT LEAST 15 MINUTES. SKIN: WASH SKIN WITH SOAP AND WATER. INHALATION: REMOVE TO FRESH AIR. USE ARTIFICIAL RESPIRATION IF NEEDED. INGESTION: DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION IMMEDIATELY.

Spill Release Procedures:

WIPE UP SPILLS (SAME AS WITH OTHER PAINT OR PROTECTIVE COATINGS).

Neutralizing Agent:

NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Methods:

DISPOSE IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

Handling And Storage Precautions:

KEEP AWAY FROM HEAT, FLAMES, SPARKS AND OTHER IGNITION SOURCES. DO NOT STORE NEAR STRONG OXIDIZING AGENTS.

Other Precautions:

6 THE CONSTITUENT CHEMICAL ETHYLENE GLYCOL MONOBUTYL ETHER CAN ATTACK SOME FORMS OF PLASTICS.

Fire and Explosion Hazard Information

Flash Point Method:

TCC

Flash Point:

N/A

Flash Point Text:

142F,61C

Autoignition Temp:

N/A

Autoignition Temp Text:

N/A

Lower Limits:

SEE ING 1

Upper Limits:

SEE ING 1

Extinguishing Media:

DRY CHEMICAL POWDER, CHEMICAL FOAM OR CARBON DIOXIDE.

Fire Fighting Procedures:

USE NIOSH APPROVED SCBA AND FULL PROTECTIVE EQUIPMENT (FP N).

Unusual Fire/Explosion Hazard:

NONE.

Physical/Chemical Properties

HCC:**NRC/State Lic No:****Net Prop WT For Ammo:****Boiling Point:**

N/A

B.P. Text:

SEE ING 1

Melt/Freeze Pt:

N/A

Decomp Temp:

>248F,-120C

Decomp Temp Text:

N/A

Lower Limits:

SEE ING 1

Upper Limits:

SEE ING 1

Vapor Pres:

SEE ING 1

Vapor Density:

SEE ING 1

Volatile Org Content %:

N/A

Spec Gravity:

SUPDAT

PH:

N/K

VOC Grams/Liter:

N/A

Viscosity:

N/P

Evaporation Rate & Reference:

SEE ING 1

Solubility in Water:

NEGLIGIBLE

Appearance and Odor:

SOLID PAINT (SEMI-SOFT) WITH SLIGHT AROMATIC SOLVENT ODOR.

Percent Volatiles by Volume:

N/K

Conditions To Avoid:

KEEP AWAY FROM HEAT, FLAMES, SPARKS AND OTHER IGNITION SOURCES.

Materials To Avoid:

STRONG OXIDIZING AGENTS.

Hazardous Decomposition Products:

CARBON MONOXIDE AND CARBON DIOXIDE IF BURNED WITH INSUFFICIENT AIR.

Hazardous Polymerization Indicator:

NO

Conditions To Avoid Polymerization:

NOT RELEVANT

Toxicological Information

Information:

N/P

MSDS Transport Information

Information:

N/P

Regulatory Information

Sara Title III Information:

N/P

Federal Regulatory Information:

N/P

State Regulatory Information:

N/P

Other Information

Other Information:

N/P

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