

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-772/7727-43-7.html> for suppliers of this product.

## Composition/Information on Ingredient

<b>Cas:</b> 7727-43-7
<b>Code:</b> M
<b>RTECS:</b> CR0600000
<b>Code:</b> M
<b>Name:</b> BARIUM SULFATE (CONTAINING INGREDIENT 10)
<b>Other REC Limits:</b> N/K
<b>OSHA PEL:</b> 15 MG/M3 TDUST
<b>Code:</b> M
<b>OSHA STEL:</b>
<b>Code:</b>
<b>ACGIH TLV:</b> 10 MG/M3 TDUST
<b>Code:</b> M
<b>ACGIHSTEL:</b> N/P
<b>Code:</b>

## Control Measures

<b>Respiratory Protection:</b> IF PERSONAL EXPOS CANNOT BE CONTROLLED BELOW APPLIC LIMITS VY BENT, WEAR NIOSH APPRVD, PROPERLY FITTED ORGANIC VAPOR/PARTICULATE RESP. WHEN SANDING OR ABRADING DRIED FILM, WEAR DUST/MIST RESP APPRVD B Y NIOSH FOR PROT AGAINST NON-VOLATILE MATERIALS IN INGREDIENT SECTION.
<b>Ventilation:</b> LOC EXHST PREF. GEN EXHST ACCEPTABLE IF EXPOS MAINTAINED BELOW APPLIC LIMS. REFER TO OSHA STDS 1910.98, 107, 108.
<b>Protective Gloves:</b> CHEMICAL RESISTANT GLOVES.
<b>Eye Protection:</b> ANSI APPRVD CHEM WORKERS GOGGLES (FP N).
<b>Other Protective Equipment:</b> Equipment ANSI APPROVED EYE WASH &DELUGE SHOWER (FP N).
<b>Work Hygienic Practices:</b> NONE SPECIFIED BY MANUFACTURER.
<b>Supplemental Safety and Health:</b> OTHER PREC: LEVELS ONLY DURING SANDING OR ABRADING OF DRIED FILM. IF NO SPECIFIC DUSTS ARE LISTED, THE APPLIC LIMITS FOR NUISANCE DUSTS ARE ACGIH TLV 10 MG/M3 (TDUST), OSHA PEL 15 MG/M3 (TDUST), 5 MG /M3 (RESPIRABLE FRACTION). 5

## Health Hazards Data

<b>LD50LC50Mixture:</b> NONE SPECIFIED BY MANUFACTURER.
<b>Route Of Entry Inds - Inhalation:</b> YES
<b>Skin:</b> YES
<b>Ingestion:</b> NO
<b>Carcinogenicity Inds - NTP:</b> NO
<b>IARC:</b> NO
<b>OSHA:</b> NO
<b>Health Hazards Acute And Chronic:</b> IRRIT OF EYES, SKIN & RESP SYS. MAY CAUSE NERVOUS SYS DEPRESS. EXTREME OVEREXP MAY RSLT IN UNCON & POSS DEATH. HDCH, DIZZ, NAUS & LOSS OF COORD ARE INDICATIONS OF EXCESSIVE EXPOS TO VAPORS OR SPRAY MI STS. REDNESS & ITCHING OR BURNING SENSATION MAY INDICATE EYE OR EXCESSIVE SKIN EXPOSURE. PRLNGD OVEREXP TO HEXANE MAY CAUSE DMG TO NERVE TISSUES OF ARMS & LEGS (PERIPHERAL NEUROPATHY), RESULTING IN MUSCULAR WEAK & LOSS OF COORDINATION. THIS EFT MAY BE INCREASED BY PRESENCE OF METHYL ETHYL K
<b>Explanation Of Carcinogenicity:</b> NOT RELEVANT
<b>Signs And Symptions Of Overexposure:</b> HLTH HAZ: REPORTS HAVE ASSOC RPTD & PRLNGD OVEREXP TO SOLVENTS W/PERMANENT BRAIN & NERVOUS SYSTEM DMG.
<b>Medical Cond Aggravated By Exposure:</b> NONE GENERALLY RECOGNIZED.
<b>First Aid:</b> INHAL: IF AFFECTED, REMOVE FROM EXPOSURE. RESTORE BRTHG. KEEP WARM & QUIET. SKIN: WASH AFFECTED AREA THOROUGHLY W/SOAP & WATER. REMOVE CONTAMINATED CLOTHING & LAUNDER BEFORE REUSE. EYES: FLUSH EYES W/ LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. GET MED ATTN. INGEST: NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. DO NOT INDUCE VOMITING. GIVE SEVERAL GLASSES OF WATER. SEEK MED ATTN.
<b>Spill Release Procedures:</b> REMOVE ALL SOURCES OF IGNITION. VENTILATE AND REMOVE WITH INERT ABSORBENT.
<b>Neutralizing Agent:</b> NONE SPECIFIED BY MANUFACTURER.
<b>Waste Disposal Methods:</b> WASTE FROM THIS PROD MAY BE HAZ AS DEFINED UNDER RCRA 40 CFR 261. WASTE MUST BE TESTED FOR IGNITABILITY TO DETERMINE APPLIC EPA HAZ WASTE NUMBERS. DO NOT INCINERATE. DEPRESSURIZE CNTNR. DISPOSE OF I/A /W FED, STATE & LOCAL REGS REGARDING POLLUTION.
<b>Handling And Storage Precautions:</b> CONTENTS ARE EXTREMELY FLAM. KEEP AWAY FROM HEAT, SPKS & OPEN FLAME. VAPS WILL ACCUMULATE READILY & MAY IGNITE EXPLOSIVELY. DURING USE & UNTIL ALL VAPS ARE GONE: KEEP AREA VENTD - DO NOT SMOKE - EXTIN G ALL FLAMES, PILOT LIGHTS & HEATERS - TURN OFF STOVES, ELEC TOOLS & APPLIANCES & ANY(OTHER INFO)
<b>Other Precautions:</b> INTENTIONAL MISUSE BY DELIB CONC & INHALING CONTENTS CAN BE HARMFUL/FATAL. USE ONLY W/ADEQ VENT. AVOID BRTHG VAP & SPRAY MIST. AVOID CONTACT W/SKIN & EYES. WASH HANDS AFTER 4 USING. THESE COATINGS MAY C ONTAIN MATLS CLASSIFIED AS NUISANCE PARTICULATES (LISTED "AS DUST" IN INGRED SECTION) WHICH MAY BE P RESENT AT HAZ (SUPP)

## Fire and Explosion Hazard Information

<b>Flash Point Method:</b> PMCC
<b>Flash Point:</b>
<b>Flash Point Text:</b> <0F,<-18C
<b>Autoignition Temp:</b>
<b>Autoignition Temp Text:</b> N/A
<b>Lower Limits:</b> 0.9%
<b>Upper Limits:</b> 13.1%
<b>Extinguishing Media:</b> CARBON DIOXIDE, DRY CHEMICAL, FOAM.
<b>Fire Fighting Procedures:</b> USE NIOSH APPRVD SCBA & FULL PROT EQUIP (FP N). WATER SPRAY MAY BE INEFTIVE. IF WATER IS USED, FOG NOZZS ARE PREF. WATER MAY BE USED TO COOL CLSD CNTNRS TO PVNT PRESS BUILD-UP & POSS AUTOIGNIT OR EXPL O WHEN EXPOSED TO EXTREME HEAT.
<b>Unusual Fire/Explosion Hazard:</b> ISOLATE FROM HEAT, ELEC EQUIP, SPARKS & OPEN FLAME. CLOSED CNTNRS MAY EXPLODE WHEN EXPOSED TO EXTREME HEAT. APPLICATION TO HOT SURFS REQS SPECIAL PRECS. DURING EMER CNDTNS OVEREXP TO DECOMP PRODS MAY CAUSE A HLTH HAZ. SYMPS MAY NOT BE IMMED APPARENT. OBTAIN MED ATTN.

## Physical/Chemical Properties

<b>HCC:</b>
<b>NRC/State LIC No:</b>
<b>Net Prop WT For Ammo:</b>
<b>Boiling Point:</b>
<b>B.P. Text:</b> <0F,<-18C
<b>Melt/Freeze Pt:</b>
<b>M.P/F.P Text:</b> N/A
<b>Decomp Temp:</b>
<b>Decomp Text:</b> N/K
<b>Vapor Pres:</b> SEE OTHER INFO
<b>Vapor Density:</b> HVR/AIR
<b>Volatile Org Content %:</b>
<b>Spec Gravity:</b> 0.857 (FP N)
<b>VOC Pounds/Gallon:</b> 3.77
<b>PH:</b> N/K
<b>VOC Grams/Liter:</b>
<b>Viscosity:</b> N/P
<b>Evaporation Rate &amp; Reference:</b> FASTER THAN ETHER
<b>Solubility in Water:</b> N/A
<b>Appearance and Odor:</b> NONE SPECIFIED BY MANUFACTURER.
<b>Percent Volatiles by Volume:</b> N/K
<b>Corrosion Rate:</b> N/K

## Reactivity Data

<b>Stability Indicator:</b> YES
<b>Stability Condition To Avoid:</b> NONE SPECIFIED BY MANUFACTURER.
<b>Materials To Avoid:</b> NONE KNOWN.
<b>Hazardous Decomposition Products:</b> BY FIRE: CARBON DIOXIDE, CARBON MONOXIDE.
<b>Hazardous Polymerization Indicator:</b> NO
<b>Conditions To Avoid Polymerization:</b> 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