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Nota di contenuto	<p>""SAFE NANOTECHNOLOGY""; ""SAFE NANOTECHNOLOGY ""; ""CONTENTS""; ""DIRECTORa€?S MESSAGE""; ""EXECUTIVE SUMMARY ""; ""POTENTIAL HEALTH CONCERNS""; ""POTENTIAL SAFETY CONCERNS ""; ""WORKING WITH ENGINEERED NANOMATERIALS ""; "" EXPOSURE ASSESSMENT AND CHARACTERIZATION ""; ""PRECAUTIONARY MEASURES ""; ""OCCUPATIONAL HEALTH SURVEILLANCE""; ""INTRODUCTION ""; ""INTENT AND PURPOSE""; ""SCOPE""; ""DESCRIPTIONS AND DEFINITIONS""; ""A. NANOPARTICLES""; ""B. ULTRAFINE PARTICLES ""; ""C. ENGINEERED NANOPARTICLES ""; ""D. NANOAEROSOL""; ""E. AGGLOMERATE ""; ""F. AGGREGATE""; ""POTENTIAL HEALTH CONCERNS ""</p> <p>""A. EXPOSURE ROUTES """"B. EFFECTS SEEN IN ANIMAL STUDIES""; ""PTFE Fume ""; ""Carbon Nanotubes""; ""C. OBSERVATIONS FROM EPIDEMIOLOGICAL STUDIES INVOLVING FINE AND ULTRAFINE PARTICLES ""; ""D. HYPOTHESES FROM ANIMAL AND EPIDEMIOLOGICAL STUDIES""; ""1. Exposure to Engineered Nanoparticles is Likely to Cause Adverse Health Effects Similar to Well-characterized Ultrafine Particles That Have Similar Physical and Chemical Characteristics""; ""2. Surface Area and Activity, Particle Number may be Better Predictors of Potential Hazard Than Mass ""; ""POTENTIAL SAFETY HAZARDS "" ""A. FIRE AND EXPLOSION """"B. CATALYTIC REACTION""; ""GUIDELINES FOR WORKING WITH ENGINEERED NANOMATERIALS ""; ""A. POTENTIAL</p>

FOR OCCUPATIONAL EXPOSURE ""; ""B. FACTORS AFFECTING EXPOSURE TO NANOPARTICLES ""; ""EXPOSURE ASSESSMENT AND CHARACTERIZATION ""; ""A. MONITORING WORKPLACE EXPOSURES ""; ""Size-fractionated Aerosol Sampling ""; ""Real-time Aerosol Sampling ""; ""Surface Area Measurements ""; ""Particle Number Concentration Measurement ""; ""Surface Area Estimation ""; "" B. PROPOSED SAMPLING STRATEGY ""; ""EXPOSURE CONTROL PROCEDURES""; ""A. ENGINEERING CONTROLS "" ""Dust Collection Efficiency of Filters""""B. WORK PRACTICES ""; ""C. PERSONAL PROTECTIVE CLOTHING""; ""D. RESPIRATORS ""; ""E. CLEANUP AND DISPOSAL OF NANOMATERIALS ""; ""OCCUPATIONAL HEALTH SURVEILLANCE""; ""RESEARCH ""; ""CRITICAL RESEARCH TOPICS ""; ""REFERENCES""; ""ADDITIONAL RESOURCES""; ""INDEX ""
