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H.M.I.S.	
HEALTH	0
FLAMMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION	See Below
These ratings should be used only as part of fully implemented H.M.I.S. program.	

MATERIAL SAFETY DATA SHEET

PREPARED BY DURO DYNE 6/2005
 REVISED 6/2000

SECTION I

TRADE NAME: DURO DYNE TALC POWDER
 MANUFACTURER CODE I.D.: TALC POWDER (For Neoprene Fabric)

SECTION II - HAZARDOUS INGREDIENTS

INGREDIENT	CAS NO.	APPROX.%	OSHA PEL mg/m3	ACGIH TLV mg/m3	OTHER
MICA	12001-26-2	99.6	3c	3c	N/A
SILICON DIOXIDE (SiO ₂)	14808-60-7	<0.2	0.1c	0.1c	N/A

RESPIRABLE DUST
 Not Available

SECTION III - HEALTH INFORMATION

ROUTES OF ENTRY: Eyes, Inhalation and Ingestion.

ACUTE: Persistent cough, possible difficulty in breathing.

CHRONIC: May contain SiO₂ a probable carcinogen. Individuals with pulmonary or respiratory disease such as asthma and bronchitis should be precluded from exposure.

Silicon Dioxide (SiO₂): Synonyms: Sand, Natural Quartz, Quartz

Only a small amount of the Silicon dioxide present has a particle size small enough to be considered respirable. Excessive inhalation of Silicon dioxide dust may result in respiratory disease, including silicosis, pneumoconiosis, and pulmonary fibrosis of the lungs. THE INTERNATIONAL AGENCY FOR RESEARCH ON CANCER (IARC) has evaluated in Volume 42, Monographs on the Evaluation of the Carcinogenicity Risk of Chemicals to Humans. Silica and some Silicates (1987), that there is "sufficient evidence for the carcinogenicity of crystalline silica to experimental animal," and "limited evidence" with respect to humans. Because of the above this product must have level 2A grouping (probable carcinogen).

OSHA PEL (Quartz): An employee's exposure in any 8 hour work shift of a 40-hour week shall not exceed the 8-hour time weighted average (TWA). Limits Given Below. (See 29 CFR. 1910.1000, Table Z-3).

OSHA Standard	mg/m3	mppcf	OSHA Standard	mg/m3	mppcf
Crystalline Quartz (respirable)	<u>10 mg/m3</u> %SiO ₂ + 2	<u>250</u> % SiO ₂ +5	Crystalline Quartz (total dust)	<u>30mg/m3</u> %SiO ₂ +2	

NIOSH has recommended that the permissible exposure limit (PEL) be changed to 50 micrograms respirable free silica per cubic meter of air averaged over a work shift of up to 10 hours per day, 40 hours per week. The NIOSH Criteria Document for Crystalline Silica should be consulted for more detailed information.

SECTION IV - REACTIVITY DATA

STABILITY:	Stable
HAZARDOUS POLYMERIZATION:	Will not occur
HAZARDOUS DECOMPOSITION PRODUCTS:	Not Applicable
CONDITIONS TO AVOID:	Avoid heavy dusting
INCOMPATIBILITY (MATERIALS TO AVOID):	Not Applicable

SECTION V - PHYSICAL DATA

BOILING & FREEZING RANGE: N/A

VAPOR DENSITY: N/A

VAPOR PRESSURE: N/A

EVAPORATION RATE: N/A

WEIGHT PER GAL.: N/A

ODOR AND APPEARANCE: Colorless powder, no odor

SECTION VI - FIRE AND EXPLOSION DATA

FLASHPOINT: Not Applicable

EXTINGUISHING MEDIA: Use media appropriate to surrounding fire conditions.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Not Applicable

SPECIAL FIRE FIGHTING PROCEDURES: Self-contained breathing apparatus (SCBA) and full protective equipment recommended.

SECTION VII - ENVIRONMENTAL INFORMATION

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:

Avoid heavy dusting, shovel into containers and dispose.

WASTE DISPOSAL METHOD:

Follow all local, state and federal regulations.

SECTION VIII - PERSONAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: Generally not needed. If dusty, use approved dust respirator.

VENTILATION: Provide general dilution or local exhaust ventilation.

HAND PROTECTION: As for industrial situations.

EYE PROTECTION: Chemical goggles.

OTHER PROTECTIVE EQUIPMENT: Dust mask, Safety eye wash station.

HYGIENIC PRACTICES: Follow general industrial hygiene.

The ingredients in this product are listed on the TSCA inventory.

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING/ STORAGE: Normal precautions against spills. Avoid creation of dust.

OTHER PRECAUTIONS: Use a respirator if the material cannot be wetted.

SECTION XI - FIRST AID PROCEDURES

EYES: Flush with water

RESPIRATORY: Consult Physician

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