MATERIALS SAFETY DATA SHEET* #85501-85510	1
* To comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200	•
SECTION I. IDENTITY OF PRODUCT AND PRODUCER	•
TRADE NAME: Seattle Pottery Supply Inc/Northwest Ceramic Supply	
CHEMICAL NAME: Clay	
CAS NUMBER: 1332-58-7	
PRODUCERS NAME AND ADDRESS: Seattle Pottery Supply, Inc.	
35 S Hanford	
Seattle, Washington 98134 TELEPHONE NUMBER: (206) 587-0570 DATE PREPARED: 5-10-86	•
TELEPHONE NUMBER:(206) 587-0570DATE PREPARED:5-10-86(for emergency and information)PREPARED BY: James Lunz	
PRODUCT AS MARKED ON BAG:	
SP 500, SP520, SP525, <u>SP608</u> , SP609, SP609G, SP610, SP610G, SP611,	
SP611G, SP608G, SP620, SP625, SP631, SP632, SP633, SP634, SP <u>650</u> , SP652,	\$
SP660, SP712, SP720, SP721, SP722, SP723, SP725, SP732, SP735, <u>SP736</u> ,	S
SP740, SP745, SP747, SP750, SP757, SP760, SP765, SP770, SP775, SP800,	<i>S</i>
SP805, SP815, SP825, SP840, SP850, SP875, SP605, SP615, SP612	$\overline{\theta}$
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SECTION II. HAZARDOUS INGREDIENTS	∞
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Free Silica (Quartz) 5 - 30% CAS. NO. 14808-60-7	Ø
 Clays reported on this Company's Material Safety Data Sheet, Form SDS 8511, may contain crystalline silica, as quartz up to 30% by dry weight depending on product type. Much of this is not fine enough to be normally respirable. 	54
See Section VI for OSHA Permissable Exposure Limits and ACGHI TLV's	,
SECTION III. PHYSICAL DATA	
FUSION RANGE - 1560 - 1785° C. SPECIFIC GRAVITY $(H_20 = 1)$ 2.40 - 2.65	
SOLUBILITY IN WATER - Negligible PERCENT VOLATILE Below 100° C. None	
VAPOR PRESSURE (mm Hg.) - Not Applicable	
ODOR AND APPEARANCE - Earthy Odor When Wet, Raw Color LIGHT GRAY to RED	
SECTION IV. FIRE AND EXPLOSION HAZARD DATA - Non-flammable and Non-hazardous	
SECTION V. REACTIVITY DATA	
STABILITY - Clay is stable under ordinary conditions. When exposed to high	
temperature, free quartz can change crystal structure to form tridymite	
(above 870° C.) or cristobalite (above 1470° C.) which have greater	
health hazards than quartz.	
INCOMPATABILITY (Materials to Avoid) - None	
HAZARDOUS POLYMERIZATION - Will not Occur	
Data, information, and recommendations recorded herein are believed to be accurate. Séattle Pottery Supply, Inc makes no warranty, either expressed or implied,	
with respect thereto and disclaims all liability from reliance thereon.	•

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SECTION VI HEALTH HAZARD DATA

DRY CLAYS OSHA Permissable Exposure Limit (PEL): Total Dust 1.02 mg/m3 Respirable Dust* 0.34 mg/m3 ACGIH TLV: Respirable Dust* 0.34 mg/m3 ACGIH TLV: *Based on free silica content ROUTE OF ENTRY: Inhalation? Skin? Ingestion? No No No EFFECTS OF OVEREXPOSURE: SHORT TERM - Probably no effect other than as a nuisance dust. LONG TERM - Long-term exposure to dust and free silica in concentrations higher than recommended PEL or TLV may cause silicosis. FIRST AID: Eyes - Flush thoroughly with water. See a physician if irritation persists. SECTION VII. SPILL, LEAK, AND DISPOSAL INFORMATION ACTION TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Clean up and collect, minimizing excessive dust*. WASTE DISPOSAL METHOD - Any approved solid waste disposal including burial*, *Do not exceed recommended PEL or TLV - See Section VI SECTION VIII. SPECIAL PROTECTION INFORMATION RESPIRATORY PROTECTION: If dust concentrations exceed recommended Permissable Exposure Limits is recommended. Use adequate ventilation if spraying coatings. EYE PROTECTION: Local what or other ventilation that will reduce dust koncentrations to less than Permissable Exposure Limits is recommended. Use adequate ventilation if spraying coatings. <th>MOIST CLAYS -</th> <th>There are no know</th> <th>n health ha</th> <th>zards to m</th> <th>noist cl</th> <th>ays.</th> <th></th> <th></th> <th>•</th>	MOIST CLAYS -	There are no know	n health ha	zards to m	noist cl	ays.			•
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