

NARCO CONFIDENTIAL-RESTRICTED



NARCOGUN MC-339

Made at: Womelsdorf, PA

PRODUCT LIFE: AUG. 17, 1964 TO PRE-1975

ASBESTOS DATES: AUG. 17, 1964 TO PRE-1975

NARCOGUN MC-339 MIXES: 393

393A

ORIGINAL

NORTH AMERICAN REFRACTORIES COMPANY

Mix Instructions

NARCO CONFIDENTIAL-RESTRICTED

Plant WOMELSDORF - BASIC
 Brand NARCOGUN CRD-347
 Process PHOSPHATE-BONDED (DRY)
CHROME GUN MIX

Date APRIL 5, 1968Mix No. 322 A

Burn _____

Shrinkage _____

EXPERIMENTAL MIX

CHROME ORE	-8+20 MESH	40.00%
CHROME ORE	-20+48 MESH	15.00%
CHROME ORE	-48 MESH	24.67%
7K05 ASBESTOS		1.33%
HECTOR BENTONITE		4.00%
*MONOSODIUM PHOSPHATE (NaH_2PO_4)		3.00%
PERICLASE	ASF	<u>12.00%</u>
		100.00%

Special Instructions SHRED ASBESTOS INTO MIX BY HAND TO BREAK UP
LUMPS. *PURCHASED FROM MONSANTO CHEM. CO. AS *MONOSODIUM
PHOSPHATE REGULAR GROUND CODE 140."

Control Specifications

REISSUED FOLLOWING RECEIPT
 OF U. S. STEEL, CHICAGO,
 SOUTH WORKS ORDER

Signed _____

Robert L. Hess
 ROBERT L. NESS

RESEARCH

REPLACES EXPT'L MIX NO. 322
 (WITHDRAWN 3-10-67) DATED 11-11-64

NORTH AMERICAN REFRACTORIES COMPANY

MIX INSTRUCTIONS

PLANT <u>Wormelsdorf - Basic</u>	DATE <u>November 11, 1964</u>
BRAND <u>NARCOGUN MC-339</u>	MIX NO. <u>393A</u>
PROCESS <u>Phosphate-bonded (SPS)</u>	BURN _____
<u>Magnesite-Chrome Gun Mix</u>	SHRINKAGE _____

EXPERIMENTAL MIX

Chrome Ore	- 3 1/2 + 8 mesh	8.0%
Chrome Ore	- 8 + 20 mesh	11.5%
Chrome Ore	- 20 + 48 mesh	7.5%
Chrome Ore	- 48 mesh	4.0%
Periclase	- 4 + 8 mesh	22.0%
Periclase	- 8 + 20 mesh	9.5%
Periclase	- 20 + 48 mesh	2.5%
Periclase	ASF	34.0%
TKOS Asbestos		1.0%
		<u>100.0%</u>

SPECIAL INSTRUCTIONS Shred asbestos into mix by hand
to break up lumps. SPS solution will be added at
the gun nozzle on the job.

CONTROL SPECIFICATIONS

_____	_____
_____	_____
_____	_____

SIGNED Robert L. Hess
Research

Replaces sheet dated 8/17/64