

PLAINTIFF'S EXHIBIT

NAR-67

Plant	Plant Manager	Product Name	Dates Asbestos Used in Product		Asbestos Percentage
			From	To	
Curvsville	Robert Davidson	AEROGUN	Jan. 18, 1971	Oct. 2, 1979	100
		ANTI-ERODE	Mar. 21, 1963	May 17, 1977*	10
		HARCOCAST ES FINE TROWEL	Aug. 9, 1963	Aug. 8, 1977	10
		HARCOCHETE TROWEL	Dec. 23, 1963	May 17, 1977*	20
		HARCOGUN CO.	Nov. 11, 1964	May 17, 1977*	1,330
		HARCOLITE	Mar. 23, 1961	Apr. 22, 1977	20
Farber	Charles Walters	SUPER 505 HOT GUN C	Jun. 2, 1964	May 17, 1977*	10
		AEROGUN	Jan. 18, 1971	July 13, 1979	100
		HARCOCAST ES FINE TROWEL	Aug. 9, 1963	July 11, 1978	10
		HARCOLITE	Nov. 7, 1961	July 11, 1978	20
Mt. Union	Donald Booth	HARCOGUN SD-336	Nov. 11, 1964	Jan. 12, 1977	10
Wmelsdorf	Ronald Coleman	BNP-COTE	June 3, 1966	1975**	20
		BNP-PATCH	Nov. 30, 1965	1975**	40
		CH GUN MIX	July 3, 1963	May 8, 1977	20
		CH-18 GUN MIX	July 3, 1963	Jan. 11, 1977	1 1/30
		MC-GUN MIX	July 3, 1963	1975**	20
		HARCOGUN CH-343	Nov. 11, 1964	Jan. 20, 1977	10
		HARCOGUN CH-346	Sept. 24, 1964	1975**	10
		HARCOGUN CH-366 NN	Sept. 1, 1965	Nov. 5, 1976	10
		HARCOGUN CRD-367	Nov. 11, 1964	1975**	1,330
		HARCOGUN MC-339	Nov. 11, 1964	1975**	10
		HARCOGUN MCO-344	Nov. 11, 1964	1975**	10
		HARCOGUN P-340	Nov. 11, 1964	March, 1976	10
		HARCOGUN PD-343	Nov. 11, 1964	Jan. 11, 1977	10
		HARMAG OH GUN MIX	Apr. 13, 1974	Nov., 1976	10
		MO-339 MC GUN	Aug. 17, 1964	1975**	10
		HARMAG 60 DBRC	Mar., 1970	Feb., 1980	10
					Unknown, However, the encapsulated asbestos mat was 1/32" to 1/8" thick and was a very small % of the total refractory.
Caledonia	Tom Pyke	AEROGUN	Jan. 18, 1971	Sept. 19, 1977	100

All of the above listed products were manufactured with chrysotile asbestos. All of the products except for HARMAG 60 DBRC were gunning mixes or castables. The gunning mixes and castables were designed by Fred Murtens and Robert L. Ness. HARMAG 60 DBRC was designed by Karl O. Scheffer and Fred Schroeder.

For a period of time ending in 1971 this defendant sold Eagle-Picher products Super 66 and One-Cote cement under a relabeling agreement as Stason and Unicote. This defendant has no records from which it can determine the details of manufacture, design or composition of these products. In June 1964 Eagle-Picher informed this defendant it planned to place asbestos warning labels on Super 66 and One-Cote and proposed to do the same for Stason and Unicote to which this defendant agreed. These products were sold very infrequently and in small quantities.

In March 1984 this defendant was first informed by manufacturer Furusaki Refractories Company of Japan that a Furusaki slide gate refractory distributed in the United States from May 1982 until April 1983 by this defendant contained an encapsulated ceramic mat with a 4.5-5% asbestos component. This product was distributed on a trial basis in small quantities to only a few of defendant's customers. Granite City Steel Company was the only customer within a 100 mile radius of St. Louis, Illinois to receive this product. Granite City started its July 1983 trial of this product after using only six or eight of these refractories and returned all of its remaining purchase order for refund. This defendant does not know the precise details of design or manufacture of this product at the time it was sold with asbestos.

*These were discontinued on or before May 17, 1977.

**These were discontinued prior to 1975

EXHIBIT

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Plant	Plant Managers	Product Name	Dates Asbestos Used in Product		Asbestos Percentage
			From	To	
Curwensville	Robert Davidson	AEROGUN	Jan. 18, 1971	Oct. 2, 1979	10%
		* ANTI-ERODE TROWEL	Mar. 21, 1963	May 17, 1977 *	1%
		NARCOCAST ES FINE TROWEL	Aug. 9, 1963	Aug. 8, 1977	1%
		NARCOCRETE TROWEL	Dec. 23, 1963	May 17, 1977 *	2%
		NARCOGUN CO.	Nov. 11, 1964	May 17, 1977 *	1.33%
		NARCOLITE	Mar. 23, 1961	Apr. 22, 1977	2%
		SUPER 303 HOT GUN C	June 2, 1964	May 17, 1977 *	1%
Farber	Charles Walters	**AEROGUN	Jan. 18, 1971	Sep. 3, 1976	10%
		NARCOCAST ES FINE TROWEL	Aug. 9, 1963	July 11, 1978	1%
		NARCOLITE	Nov. 7, 1961	July 11, 1978	2%
Mt. Union	Donald Booth	NARCOGUN SD-336	Nov. 11, 1964	Jan. 12, 1977	1%
Womelsdorf	Ronald Coleman	BOF-COTE	June 3, 1966	- 1975 **	2%
		BOF-PATCH	Nov. 30, 1965	- 1975 **	4%
		CN GUN MIX	July 3, 1963	May 8, 1973	2%
		CN-18 GUN MIX	July 3, 1963	Jan. 31, 1977	1 1/3%
		NC-GUN MIX	July 3, 1963	- 1975 **	2%
		NARCOGUN CN-343	Nov. 11, 1964	Jan. 24, 1977	1%
		NARCOGUN CR-346	Sep. 24, 1964	- 1975 **	1%
		NARCOGUN CR-346 NN	Sep. 1, 1965	Nov. 5, 1976	1%
		NARCOGUN CRD-347	Nov. 11, 1964	- 1975 **	1.33%
		NARCOGUN NC-339	Nov. 11, 1964	- 1975 **	1%
		NARCOGUN NCD-344	Nov. 11, 1964	- 1975 **	1%
		NARCOGUN P-340	Nov. 11, 1964	March, 1976	1%
		NARCOGUN PD-345	Nov. 11, 1964	Jan. 31, 1977	1%
		NARMAG OH GUN MIX	Apr. 15, 1974	- Nov., 1976	1%
		WO-339 NC GUN	Aug. 17, 1964	- 1975 **	1%
		HARMAG 60 DBRC	March, 1970	- Feb., 1980	Unknown, however, the encapsulated asbestos mat was 1/32" to 1/8" thick and was a very small % of the total refractory.
Caledonia	Tom Pyke	AEROGUN	Jan. 18, 1971	Sep. 29, 1977	10%

* These were discontinued on or before May 17, 1977.

**These were discontinued prior to 1975.

All of the above listed products were manufactured with chrysotile asbestos. All of the products, except for NARMAG 60 DBRC, were gunning mixes or castables. North American did provide to customers upon their specifications a line of metalclad brick with an encapsulated asbestos expansion mat, which North American designated as Narmag 60 DBRC; however, not all metalclad brick contained asbestos. Occasionally, certain customers would specifically request asbestos in a metalclad brick other than Narmag 60 DBRC, but this occurred in less than 1% of metalclad brick sales.

For a period of time ending in 1971, this defendant sold Eagle-Picher products Super 66 and One-Cote cement under a relabeling agreement as Stazon and Unicom. This defendant has no records from which it can determine the details of manufacture, design or composition of these products. In June, 1964, Eagle-Picher informed this defendant it planned to place asbestos warning labels on Super 66 and One-Cote and proposed to do the same for Stazon and Unicom which this defendant agreed. These products were sold very infrequently and in small quantities.

In March, 1964, this defendant was first informed by manufacturer Kurosaki Refractories Company of Japan that a Kurosaki slide gate refractory distributed in the United States from May, 1962 until April, 1983 by this defendant contained an encapsulated ceramic mat with a 4.5-5% asbestos component. This product was distributed on a trial basis in small quantities to only a few of defendant's customers. This defendant does not know the precise details of the design or manufacture of this product at the time it was sold with asbestos.