

HOECHST CELANESE
CHEMICAL GROUP
TECHNICAL CENTER
CORPUS CHRISTI, TEXAS

To: Distribution
From: S. K. Arensman

December 14, 1987

SKA-237-87

Gaskets Used in the Chemical Company

Information concerning gaskets presently specified in Bay City, Bishop, Clear Lake, and Pampa has been compiled. This information is tabulated in two formats. The first table is by unit, which is how the information was received. For the second table, all fairly pure component, or component plus streams were compiled and alphabetized. These two tables show that the majority of gaskets in use contain asbestos. If a ban of asbestos gaskets does occur, it will be a large undertaking to make the change.

Bay City plant is planning to test aramid-based sheet gaskets in nine locations in seven units and various non-asbestos spiral wound gaskets in three locations in three units.

Please keep me informed about the planning and completion of gasket tests. Sharing the information should prevent a duplication of effort in characterizing the chemical resistance of non-asbestos gaskets.

Susan Arensman
S. K. ARENSMAN

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QUALITY AND TEAMWORK--A WINNING COMBINATION

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PLANT GASKETS

Compressed Asbestos

1. Garlock 8748
2. Durabla
3. Durabla White
4. JM-60
5. White Asbestos
6. Blue Asbestos

Spiral Wound

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|-----|------------------------|---------------------|----------------------------|
| 7. | 304 SS Spiral Wound | Asbestos Filler | CS Inner/Outer Comp. Ring |
| 8. | 304 SS Spiral Wound | Asbestos Filler | 304 Inner/Outer Comp. Ring |
| 9. | 304 SS Spiral Wound | Grafoil Filler | 304 Inner/Outer Comp. Ring |
| 10. | 316 SS Spiral Wound | Asbestos Filled | |
| 11. | 316 SS Spiral Wound | Grafoil Filler | CS Gauge Ring |
| 12. | 316 SS Spiral Wound | Solid Teflon Filler | CS Gauge Ring |
| 13. | Hast. B-2 Spiral Wound | Grafoil Filler | CS Gauge Ring |
| 14. | Zirc 702 Spiral Wound | Grafoil Filler | CS Gauge Ring |

Rubbers

15. Neoprene
16. Closed Cell Neoprene Sponge
17. Butyl Rubber
18. Nordel
19. Viton

Others

20. Teflon - Glass Filled
21. Gylon Fawn or Green
22. 99+ Graphite
23. Solid Metal
24. Compressed Composition, Teflon Treated
25. Oval Type Ring Joint Gaskets
26. Metal Jacketed Asbestos
27. Asbestos Cloth Woven Fiber

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