UNION CARBIDE THE DISCOVERY COMPANY

Preliminary Data Sheet

Calidria ASBESTOS

PLAINTIFF'S EXHIBIT UC-474

STANDARD GRADE (SG-100) CALIDRIA ASBESTOS FOR USE IN VINYL AND ASPHALT FLOOR COVERING

CALIDRIA Asbestos products are highly refined, quality controlled asbestos materials offering substantial benefits in a variety of end use applications. One such use is as an effective filler/reinforcer in vinyl asbestos and asphalt floor tile.

Specifically designed and adapted for this application is CALIDRIA SG-100 Asbestos which affords the following benefits:

1. SG-100 is the only flooring grade of asbestos that is available in pelletized form. Thus, it provides economies in handling warehousing and freight costs. Larger Banbury charges are permitted due to greater bulk density of SG-100 (44 lb./cu. ft.) as compared to conventional loose fiber (10-16 lb./cu. ft.) which means increased production line throughput and therefore appreciable manufacturing savings.

2. The superior reinforcing value of SG-100 reflects its greatly reduced rock or gangue content (less than 15% by weight vs. 50-60% for Canadian fiber) as well as its unusually high surface area. Tile processing and performance properties can be maintained at approximately one-half the "asbestos" level of that required with Canadian fiber.

3. CALIDRIA Standard Grade 100 is a brighter, cleaner fiber than its Canadian counterpart. Either brighter tile shades or equivalent brightnesses at reduced TiO_2 levels are assured with CALIDRIA usage.

4. Because of the proprietary wet process used to produce SG-100, quality control is superior and variations between runs or batches are minimized.

5. The pelletized form of SG-100 eliminates or minimizes dust problems during in-plant handling or processing.

6. Bulk delivery and handling of CALIDRIA SG-100 Asbestos is a practical cost-saving consideration. Freight, bag and pallet disposal, handling and warehousing costs can be reduced and bag losses eliminated.

7. Floor tile made with CALIDRIA SG-100 Asbestos has repeatedly exhibited superior light resistance compared to tile formulated with Canadian Asbestos.

Following are comparative performance and cost data on typical vinyl tile formulations using CALIDRIA and Canadian Asbestos.

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